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The
Pres J. F. Blake
with the author's
kind regards.

THE FLORA
OF DORSETSHIRE,

WITH A
SKETCH OF THE TOPOGRAPHY, RIVER SYSTEM,
AND
GEOLOGY OF THE COUNTY.

BY
JOHN CLAVELL MANSEL-PLEYDELL, B.A.
(Late of St. John's College, Cambridge),

F.G.S., F.L.S.

Second Edition,
WITH TWO MAPS.

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TO THE MEMORY OF
HEWETT COTTRELL WATSON, F.L.S.

**AUTHOR OF CYBELE BRITANNICA, TOPOGRAPHICAL BOTANY,
AND OTHER WORKS,**

**WHICH SET FORTH THE HISTORY OF BRITISH PLANTS AND THEIR
GEOGRAPHICAL RELATIONS,**

BY THE AUTHOR.

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THE FLORA OF DORSETSHIRE **i**

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PREFACE.

So much has been done since 1874 to elucidate the Geology and Botany of the County that I am induced to bring out a new edition of my former Volume, and in doing so I gratefully acknowledge the valuable help in the Geological section from Professor Prestwich, Mr. J. W. Hulke, F.R.S., Mr. Clement Reid, Mr. Jukes Browne, and Mr. Starke Gardner, and in the Botanical section from the Rev. W. Moyle Rogers, without whose contributions to the Rubi and Rosæ the list would be far from complete; the frequent occurrence of his name in almost every page shows how much I am indebted to him for the records of new stations, and in some instances of new plants. I am equally indebted to the Rev. R. P. Murray, and to Mr. H. Ridley, and Mr. W. Fawcett, who thoroughly examined many parts of the County before they left the Botanical Department of the British Museum, the former for the Directorship of the Government Gardens and Forest Department at Singapore, the latter for that of the Government Gardens at Gordon Town, Jamaica, and to the Rev. Lester-Lester, Mr. T. R. A. Briggs, Rev. E. F. Linton, and many others, whose names are attached to the localities they record.

TOPOGRAPHY.

Compared with other counties, Dorsetshire is small, having only an area of 632,025 acres, or 988 square miles. Of these in 1870 there were 453,965 acres under cultivation, leaving 178,060 for permanent pasture, heaths, woods, moorlands, and the insignificant portions occupied by town, villages, and roads. The shape of Dorsetshire is triangular, having its apex on the Devonshire, and its base on the Hampshire boundary; a narrow spur at *Hawksworth* runs between Devonshire on one side, and Somersetshire on the other; a broader one on the north side penetrates some distance into Wiltshire; with these exceptions the triangle is nearly uninterrupted. Its greatest length is from Lyme Regis to Cranborne, and its greatest breadth from Weymouth to Silton.

The coast-line has an eastern aspect from Bournemouth to Durlleston Head and a western from St. Alban's Head to Lyme Regis. At Poole and Weymouth there are two deep indentations, besides several minor ones at Studland, Swanage, and Kimmeridge Bays, Chapman's Pool, Worbarrow, and Lulworth Cove.

The inland border of the county is marked almost exclusively by an artificial line, an insignificant portion only of it being bounded by sections of the rivers Yeo and Axe. Four ranges of hills running east and west enclose valleys of varied breadth. The Vale of Blackmore is the most extensive and takes in about one-third of the county. The Oxford and Kimmeridge Clays, which predominate, and the Lias on the west, are favourable for dairy and grazing farms. The north-western part shares rich pastures with cultivated grounds, and has a brashy subsoil, while the elevated tracts of chalk on the northern side of the county, and occasional patches farther south, are mainly devoted to the cultivation of corn, roots, and forage by which large flocks of sheep are maintained. The heath district, which stretches from Alderholt to the neighbourhood of Dorchester and takes in the Poole basin, is very unproductive. Previous to the agricultural depression the most favourable patches were brought into cultivation; these are now to a great extent returned to their normal condition of heath and furze. These wastes are of inestimable value to the botanist, and protect many a plant whose extirpation is risked by the plough-share and drain-pipe. But even here they are not out of danger. The greed for rare plants is a standing source of danger. Exchange clubs have much to account for in this respect, as they hold out temptations to the collector to take more plants than he requires for his own use or his own immediate friends to swell the herbaria of strangers and foreigners.

A COMPARISON OF THIS FLORA WITH THAT OF THE CONTERMINOUS
COUNTIES OF DEVON, HANTS, SOMERSET, AND WILTS.

Plants with an * attached are maritime.

	Devon	Hants	Som'r- set	Wilts	Nor- n'ndy
<i>Adonis autumnalis</i>	
<i>Myosurus minimus</i>
<i>Ranunculus Baudotii</i> *		
<i>peltatus</i>			
<i>Drouetii</i>
<i>intermedius</i>			
<i>tricophyllus</i>	
<i>Helleborus foetidus</i>	
<i>Delphinium Ajacis</i>	
<i>Aconitum Napellus</i>	
<i>Nymphaea alba</i>	?
<i>Glaucium flavum</i> *
<i>Corydalis claviculata</i>
<i>Fumaria Boræi</i>
<i>muralis</i>
<i>densiflora</i>	
<i>parviflora</i>	
<i>Cakile maritima</i> *
<i>Crambe maritima</i> *
<i>Senebiera didyma</i>
<i>Teesdalia nudicaulis</i>
<i>Lepidium Smithii</i>
<i>ruderales</i>		...			
<i>Draba</i>			
<i>Cochlearia officinalis</i> *
<i>danica</i> *
<i>anglica</i>
<i>Draba muralis</i>
<i>Cardamine amara</i>	
<i>Sisymbrium Sophia</i>
<i>Cheiranthus Cheiri</i>	
<i>Brassica oleracea</i> *
<i>Diplotaxis tenuifolia</i> *
<i>Raphanus maritimus</i> *
<i>Viola lactea</i>
<i>Drosera anglica</i> var. <i>obovata</i>
<i>Polygala calcarea</i>
<i>Silene maritima</i> *
<i>nutans</i>
<i>Cerastium arvense</i>	
<i>Arenaria tenuifolia</i>	
<i>Honkenya peploides</i> *
<i>Sagina maritima</i> *
<i>Lepigonum salinum</i> *
<i>marginatum</i> *
<i>rupestre</i> *
<i>Althæa officinalis</i> *
<i>hirsuta</i>	
<i>Lavatera arborea</i>	
<i>Tilia platyphyllos</i>

	Devon	Hants	Som'r- set	Wilts	Nor- m'ndy
<i>Erodium maritimum</i>
<i>Ulex nanus</i>
<i>Melilotus officinalis</i>
<i>alba</i>
<i>Trifolium maritimum*</i>
<i>suffocatum</i>?		...
<i>Lathyrus hispidus</i>
<i>Astragalus glycyphyllos</i>
<i>Vicia lathyroides</i>
<i>lutea</i>
<i>bithynica</i>
<i>Lathyrus maritimus*</i>
<i>Fragaria elatior</i>
<i>Agrimonia odorata</i>
<i>Saxifraga granulata</i>
<i>Chrysosplenium alternifolium</i>
<i>Tillæa muscosa</i>
<i>Sedum reflexum</i>
<i>Fosterianum</i>
<i>Myriophyllum verticillatum</i>
<i>alterniflorum</i>
<i>Callitriche obtusangula</i>
<i>Epilobium lanceolatum</i>
<i>Polycarpon tetraphyllum</i>
<i>Eryngium maritimum*</i>
<i>Smyrniolum Olusatrum</i>
<i>Bupleurum tenuissimum*</i>
<i>Pimpinella magna</i>
<i>Sium latifolium</i>
<i>Crithmum maritimum*</i>
<i>Enanthe peucedanifolia</i>
<i>Caucalis daucoides</i>
<i>Rubia peregrina</i>
<i>Galium erectum</i>
<i>sylvestre</i>
<i>Valerianella eriocarpa</i>
<i>Arctium nemorosum</i>
<i>Carduus pycnocephalus</i>
<i>Diotis maritima*</i>
<i>Artemisia maritima*</i>
<i>Filago spathulata</i>
<i>Erigeron acre</i>
<i>Senecio campestris</i>
<i>Inula crithmoides*</i>
<i>Pulicaria vulgaris</i>
<i>Arnoseris pusilla</i>
<i>Lactuca Saligna</i>
<i>Campanula patula</i>
<i>Rapunculus</i>
<i>glomerata</i>
<i>Phyteuma orbiculare</i>
<i>Erica ciliaris</i>

	Devon	Hants	Som'r- set	Wilts	Nor- m'ndy
Hypopithys multiflora	
Gentiana Pneumonanthe	
Microcala filiformis
Erythraea capitata	
pulchella
Calystegia Soldanella*
Cuscuta europaea	
epilinum	
Veronica spicata	
persica	
Bartsia viscosa
Linaria repens
Orobanchè elatior
Picridis	
amethystea
Mentha rubra
sylvestris	
Symphytum tuberosum	
Anchusa sempervirens
Pulmonaria angustifolia	
Utricularia intermedia	...?
minor	
neglecta	
Hottonia palustris	
Glaux maritima
Armeria maritima*
Statice Limonium
auriculæfolia*
Dodartii*	
Plantago maritima*
Chenopodium ficifolium*	
Atriplex Babingtonii*
laciniata*
littoralis*
portulacoides
Salsola Kali*
Beta maritima*
Suaeda maritima*
fruticosa*
Salicornia herbacea*
radicans*
Polygonum maculatum
mite
minus
Roberti
Rumex acutus
maritimus*	
palustris	
Daphne Mezereum	
Euphorbia Peplis
platyphyllos	
Paralias*
portlandica*

	Devon	Hants	Som'r- set	Wilts	Nor- m'ndy
<i>Salix rubra</i>	
<i>Smithiana</i>		
<i>acuminata</i>		...			
<i>Empetrum nigrum</i>		
<i>Juniperus communis</i>	
<i>Taxus baccata</i>	
<i>Listera cordata</i>					
<i>Cephalanthera pallens</i>	
<i>ensifolia</i>	
<i>Malaxis paludosa</i>
<i>Herminium Monorchis</i>		
<i>Ophrys fucifera</i>	
<i>muscifera</i>	
<i>Gladiolus illyricus</i>	
<i>Leucojum aestivum</i>
<i>vernum</i>					
<i>Allium oleraceum</i>
<i>Babingtonii</i>					...
<i>Gagea fascicularis</i>		
<i>Simethis bicolor</i>					...
<i>Asparagus officinalis</i> *
<i>Paris quadrifolia</i>	
<i>Hydrocharis Morsus-ranæ</i>
<i>Triglochin maritimum</i> *
<i>Zostera marina</i>
<i>nana</i>	
<i>Potamogeton flabellatus</i>
<i>heterophyllus</i>
<i>acutifolius</i>					...
<i>decipiens</i>		
<i>Ruppia spiralis</i> *
<i>rostellata</i> *
<i>Arum italicum</i>
<i>Acorus Calamus</i>
<i>Sparganium affine</i>	
<i>neglectum</i>		
<i>Juncus maritimus</i> *
<i>Gerardi</i> *
<i>Cyperus longus</i>	
<i>Eleocharis acicularis</i>	...?	...?
<i>uniglumis</i>					...
<i>Scirpus pauciflorus</i>
<i>parvulus</i> *
<i>Savii</i> *
<i>maritimus</i> *
<i>Rhynchospora fusca</i>	
<i>Schaenus nigricans</i>	...		?		...
<i>Cladium germanicum</i>		...	?		...
<i>Eriophorum angustifolium</i>
<i>latifolium</i>
<i>gracile</i>	
<i>Carex dioica</i>			...?		...
<i>divisa</i> *

	Devon	Hants	Som'r- set	Wilts	Nor- m'ndy
<i>Carex arenaria</i>
<i>curta</i>	...?
<i>limosa</i>	
<i>humilis</i>	
<i>strigosa</i>	
<i>punctata</i> *
<i>fulva</i>	
<i>extensa</i> *
<i>Oederi</i>
<i>vesicaria</i>	?		...
<i>filiformis</i>	
<i>Cynodon Dactylon</i>
<i>Alopecurus bulbosus</i> *
<i>Gastridium lendigerum</i> *
<i>Phleum arenarium</i> *
<i>Ammophila arundinacea</i> *
<i>Polypogon monspeliensis</i> *	
<i>littoralis</i> *	
<i>Calamagrostis lanceolata</i>	
<i>Deschampsia setacea</i>	
<i>Avena strigosa</i>
<i>Briza minor</i>
<i>Poa loliacea</i> *
<i>maritima</i> *
<i>distans</i> *
<i>Borreri</i> *
<i>procumbens</i>
<i>Festuca uniglumis</i>
<i>ambigua</i>
<i>arundinacea</i> *
<i>Lolium italicum</i>
<i>temulentum</i>?	...
<i>Agropyron pungens</i> *
<i>acutum</i> *
<i>juncum</i> *
<i>Lepturus filiformis</i> *
<i>Hordeum maritimum</i> *
<i>Elymus arenarius</i> *
<i>Adiantum Capillus-Veneris</i>
<i>Asplenium marinum</i>
<i>Ceterach officinalis</i>
<i>Cystopteris fragilis</i> , var. <i>dentata</i>
<i>Lastrea Thelypteris</i>	
<i>cristata</i>			
<i>æmula</i>
<i>spinulosa</i>
<i>Phegopteris polypodioides</i>
<i>Chara fragilis</i>
<i>capillacea</i>					...
<i>aspera</i>					...
<i>subinermis</i> *					...
<i>baltica</i> *					...
<i>contraria</i> *	

	Devon	Hants	Som'r- set	Wilts	Nor- m'ndy
<i>Chara foetida</i>
<i>longibracteata*</i>
<i>papillata*</i>
<i>canescens*</i>
<i>hispida</i>
<i>Lamprothamnus alopecuroides*</i>
<i>Nitella translucens</i>
<i>opaca</i>

SUMMARY OF ORDERS, NUMBER OF GENERA IN EACH ORDER, &C.

	Genera.	Species.	Varieties.	Native.	Colonists or Denizen.	Alien.	Casual.
DICOTYLEDONES							
THALAMIFLORÆ							
1	Ranunculacæ	11	31	8	27	2	1
2	Berberideæ	1	1			1	
3	Nymphaeacæ	2	2		2		
4	Papaveracæ	3	7	4	1	5	1
5	Fumariacæ	2	8	1	3	5	
6	Cruciferæ	24	51	4	28	15	4
7	Resedacæ	1	2	1	2		
8	Cistinæ	1	1	1	1		
9	Violariæ	1	8	2	8		
10	Droseracæ	1	3	2	3		
11	Polygalacæ	1	3	1	3		
12	Caryophyllæ	12	42	9	35	4	3
13	Linææ	2	4		3		1
14	Malvacæ	3	7		5		
15	Hypericinæ	1	9		9		
16	Acerinæ	1	2		1	1	
17	Tiliacæ	1	3		1	2	
18	Geraniacæ	2	12	1	10	1	1
19	Balsaminæ	1	1			1	
20	Oxalidæ	1	3		1		1
CALYCIFLORÆ							
21	Celestrinæ	2	2		2		
22	Rhamnæ	1	2		2		
23	Leguminosæ	16	61	9	46	10	5
24	Rosacæ	13	97	35	86	4	7
25	Saxifragacæ	4	8		5	3	
26	Crassulacæ	4	10	2	6		3
27	Haloragæ	2	4		4		
28	Callitrichinæ	1	4	1	4		
29	Lythariæ	2	2		2		
30	Onagrariæ	3	12		10		
31	Paronychieæ	1	1				

		Genera.	Species.	Varieties.	Native.	Colonists or Denizen.	Alien.	Casual.
32	Scleranthæ	1	1					
33	Portulacacæ	2	2	1				
34	Tamariscinæ	1	1				1	
35	Cucurbitacæ	1	1		1			
36	Umbellatæ	26	43	1	38	4	1	
37	Araliacæ	1	1		1			
38	Cornæ	1	1		1			
COROLLIFLORÆ								
39	Caprifoliacæ	4	7		5	2		
40	Rubiacæ	4	13		12	1		
41	Valerianæ	3	7	2	3	3	1	
42	Dipsacæ	2	5		5			
43	Compositæ	49	93	7	77	13	3	
44	Campanulacæ	5	11		8	3		
44a	Ambrosacæ	1	1				1	
45	Ericacæ	3	5	1	5			
46	Monotropæ	1	1		1			
47	Oleacæ	2	2		2			
48	Apocynæ	1	2		2			
49	Gentianacæ	6	10	2	10			
50	Convolvulacæ	2	7		5	1	1	
51	Solanacæ	15	6	1	4		1	1
52	Scrophularinæ	2	38	3	25	7	6	
53	Orobanchæ	2	7		7			
54	Verbenacæ	11	1		1			
55	Labiatæ	8	41	4	38	2	1	
56	Boraginæ	9	16	1	14	1	1	
57	Lentibulariæ	2	6		6			
58	Primulacæ	7	11	2	10	1		
59	Plumbaginæ	2	3	4	3			
60	Plantaginæ	2	6	1	6			
MONOCHLAMYDEÆ								
61	Chenopodiacæ	6	23	9	22			
62	Polygonacæ	2	23	6	22	1		
63	Thymelæ	1	2		2			
64	Elaagnæ	1	1				1	
65	Loranthacæ	1	1		1			
66	Santalacæ	1	1		1			
67	Euphorbiacæ	3	12	1	7	2	2	2
68	Urticacæ	5	7		5		2	
69	Cupuliferæ	6	6	5	6			
70	Myricacæ	1	1		1			
71	Salicinæ	2	16	4	16			
72	Empetræ	1	1		1			
73	Ceratophyllæ	1	1		1			
GYMOSPERMÆ								
74	Coniferæ	3	4		3		1	

		Genera.	Species.	Varieties.	Native.	Colonists or Denizen.	Alien.	Casual.
	MONOCOTYLEDONES							
75	Orchideæ	10	25	1	25			
76	Irideæ	2	3	1	3			
77	Amarylloideæ	3	5		1	2	2	
78	Liliaceæ	14	17	2	11	5	1	
79	Dioscoreæ	1	1		1			
80	Colehicaceæ	1	1		1			
81	Hydrocharideæ	2	2		1		1	
82	Alismaceæ	2	3		3			
83	Butomaceæ	1	1		1			
84	Najadeæ	5	20	2	20			
85	Lemnaceæ	1	4		4			
86	Aroideæ	2	3	2	1			
87	Typhaceæ	2	6		6			
88	Juncaceæ	2	18	3	18			
89	Cyperaceæ	9	67	5	67			
90	Gramineæ	39	94	15	83	4	3	4
	ACOTYLEDONES							
91	Filices	15	25	2	25			
92	Equisetaceæ	1	5	1	5			
93	Lycopodiaceæ	1	3		3			
94	Marsiliaceæ	1	1		1			
95	Characeæ	3	8	4	8			

RARER PLANTS OF THE COUNTY WHICH HAVE COME UNDER MY
PERSONAL NOTICE.

Adonis autumnalis, *Ranunculus tripartitus*, var. *intermedius*, *Helleborus fetidus*, *Fumaria pallidiflora*, var. *Borrei*, *Teesdalia nudicaulis*, *Lepidium ruderales*, *Nasturtium officinale*, var. *microphyllum*, *Sisymbrium Columne*, *Brassica Sinapis*, var. *Schkukriana*, *Silene nutans*, *Cerastium arvense*, *Lepigonum rupestre*, *Althea officinalis*, *A. hirsuta*, *Lavatera sylvestris*, *Hypericum quadrangulum* (dubium), *Geranium phæum*, *Geranium Robertianum*, var. *purpureum*, *Erodium maritimum*, *Ononis arvensis*, var. *horrida*, *Trigonella ornithopodioides*, *Trifolium maritimum*, *T. arvense*, var. *maritimum*, *T. suffocatum*, *Vicia lutea*, *V. bithynica*, *Lotus hispidus*, *Geum intermedium*, *Parnassia palustris*, *Sedum dasycyllum*, *S. Telephium*, var. *Fabaria*, *S. Forsterianum*, *Alchemilla vulgaris*, *Saxifraga granulata*, *Epilobium lanceolatum*, *Polycarpon tetraphyllum*, *Bupleurum tenuissimum*, *Sium latifolium*, *Anthriscus vulgaris*, *Enanthe pencedanifolia*, *Daucus gummifer*, *Galium sylvestre*, *G. tricornue*, *Valerianella eriocarpa*, *Arctium nemorosum*, *Artemesia maritima*, *Gnaphalium sylvaticum*, *Filago spathulata*, *Doronicum plantagineum*, *D. Pardalianches*, *Senecio campestris*, *Arnoëria pusilla*, *Pulicaria vulgaris*, *Hieracium murorum*, *Lactuca virosa*, *L. muralis*, *Campanula rapunculoides*, *Wahlenbergia hederacea*, *Erica ciliaris*, *E. Watsoni*, *Gentiana Amarella*, var. *præcox*, *Erythraea capitata*,

Datura Stramonium, *Verbascum Chaicci*, *Bartsia viscosa*, *Linaria repens*, *Orobanche Hederae*, *O. amethystea*, *Lathraea squamaria*, *Mentha gracilis*, *M. Pulegium*, *M. viridis*, *Symphytum tuberosum*, *Utricularia intermedia*, *U. neglecta*, *Chenopodium ficifolium*, *C. rubrum*, var. *pseudo-botryodes*, *Atriplex laciniata*, *Salicornia fruticosa*, *Suaeda radicans*, *Polygonum maculatum*, *P. mite*, *P. minus*, *Rumex maritimus*, *Hippophae rhamnoides*, *Euphorbia platyphyllos*, *E. Peplis*, *Empetrum nigrum*, *Ceratophyllum demersum*, *Juniperus communis*, *Orchis incarnata*, var. *angustifolia*, *Malaxis paludosa*, *Herminium Monorchis*, *Ophrys aranifera*, var. *fucifera*, *Iris foetidissima*, var. *citrina*, *Gladiolus illyricus*, *Leucojum vernum*, *Fritillaria Meleagris*, *Allium Ampeloprasum*, var. *Babingtonii*, *A. oleraceum*, *Gagea fascicularis*, *Simethis bicolor*, *Asparagus officinalis*, *Paris quadrifolia*, *Zostera nana*, *Potamogeton acutifolius*, *P. rufescens*, *P. decipiens*, *Arum italicum*, *Acorus Calamus*, *Typha angustifolia*, *Luzula Forsteri*, *Cyperus longus*, *Eleocharis uniglumis*, *Scirpus pauciflorus*, *S. parvulus*, *S. sylvaticus*, *Blysmus compressus*, *Rhynchospora fusca*, *Cladium germanicum*, *Eriophorum gracile*, *Carex dioica*, *C. axillaris*, *C. curta*, *C. humilis*, *C. strigosa*, *C. punctata*, *C. filiformis*, *C. Oederi*, *C. Pseudo-cyperus*, *Cynodon Dactylon*, *Phleum arenarium*, *Polypogon monspeliensis*, *P. littoralis*, *Calamagrostis lanceolata*, *Deschampsia setacea*, *D. flexuosa*, *Poa nemoralis*, *Festuca uniglumis*, *F. ambigua*, *Hordeum maritimum*, *Adiantum Capillus-Veneris*, *Asplenium marinum*, *Lastræa Thelypteris*, *L. Oreopteris*, *L. cristata*, *L. spinulosa*, *Phegopteris polypodioides*, *Equisetum sylvaticum*, *E. maximum*, var. *serotinum*, *Lycopodium clavatum*, *L. Selago*, *Pilularia globulifera*, *Chara fragilis*, var. *capillacea*, *C. aspera*, var. *subinermis*, *C. baltica*, *C. vulgaris*, var. *longibracteata*, and var. *papillata*, *C. canescens*, *Lamprothamnus alopecuroides*, *Nitella translucens*, *N. opaca*.

PLANTS FOUND IN HAMPSHIRE WHICH ARE ABSENT IN
DORSETSHIRE.

<i>Fumaria Vaillantii</i>	<i>Statice Bahusiensis</i>
<i>Viola permixta</i>	<i>Polygonum maritimum</i>
<i>Frankenia lævis</i>	<i>Rumex maximus</i>
<i>Elatine hexandra</i>	<i>Epipactis violacea</i>
<i>Dianthus prolifer</i>	<i>Spiranthesestivalis</i>
<i>Herniaria glabra</i>	<i>Orchis hircina</i>
<i>H. hirsuta</i>	<i>Aceras anthropophora</i>
<i>Lotus diffusus</i>	<i>Actinocarpus Damasonium</i>
<i>Vicia Orobus</i>	<i>Potamogeton mucronatus</i>
<i>Lathyrus pratensis</i>	<i>Lemna gibba</i>
<i>Pyrus scandica</i>	<i>Sparganium minimum</i>
<i>Isnardia palustris</i>	<i>Eriophorum vaginatum*</i>
<i>Filago apiculata</i>	<i>Carex montana</i>
<i>Senecio viscosus</i>	<i>Panicum glabrum</i>
<i>Vaccinium Oxycoccus</i>	<i>Leersia oryzoides</i>
<i>Pyrola minor</i>	<i>Anthoxanthum Puellii*</i>
<i>Melampyrum cristatum</i>	<i>Spartina stricta</i>
<i>Orobanche cærulea</i>	<i>S. alterniflora</i>
<i>Calamintha sylvatica</i>	<i>S. Townsendi</i>
<i>Ajuga Chamæpitys</i>	<i>Bromus madritensis</i>
<i>Stachys germanica</i>	<i>Hordeum sylvaticum</i>
<i>Myosotis sylvatica</i>	<i>Nitella syncarpa</i>

* Found just over the Hampshire border.

xii. PLANTS FOUND IN DORSETSHIRE WHICH ARE
ABSENT IN HAMPSHIRE.

Draba muralis	Empetrum nigrum
Sisymbrium Sophia	Herninium Monorchis
Vicia lutea	Leucosium aestivum
V. bithynica	" vernum
Polycarpon tetraphyllum	Allium Babingtonii
Pimpinella magna	Gagea fascicularis
Galium sylvestre	Simethis bicolor
Valerianella ericarpa	Potamogeton heterophyllum
Senecio campestris	" acutifolius
? Lactuca saligna	" decipiens
? Erica ciliaris	Cynodon Dactylon
Cuscuta epilinum	Adiantum Capillus-Veneris
Orobanche amethystea	Cystopteris fragilis
Symphytum tuberosum	Phegopteris polypodioides
Anchusa sempervirens	Chara aspera
Statice auriculæfolia	" subinermis
" Dodartii	" baltica
Chenopodium ficifolium	" papillata
Atriplex laciniata	" canescens
Rumex maritimus	Nitella opaca
" palustris	

DRAINAGE.

A.

The Axe or Exe, which rises at Axnoll, near Cheddington, is joined in the early part of its course at East Swillets, near Seaborough, by a tributary originating from the drainage of Lewesdon Hill, also by another from the western side of the same range, which after uniting pass through Broadwindsor and enter the main stream on its left bank near Wayford, where a third tributary from springs below Shave Lane Hill, one of the high cretaceous outliers which form the picturesque features of this attractive part of Dorsetshire, feeds it on its right bank.

Pillesdon Hill furnishes a streamlet, which after pursuing a northerly direction passes about a mile below Thorncombe, and joins the Axe near Winsham; several small rills flow into the main stream between this and the county border.

The Brit rises on the north side of Beaminster from springs under White Sheet Hill, receiving the Simene from the hills above Symonds-bury, between the town of Bridport and the harbour. The Asker from springs near Askerswell runs in a westerly direction to its junction with a considerable tributary at Long Lodgers, it is fed by three other rivulets, one rising above the marshes of Witherston, another from the base of Eggardon Hill, both uniting at Milton, and the third, rising at or near Hook Park, unites about a mile lower down.

INDEPENDENT STREAMS.

The Bredy rises at Little Bredy, and, after passing Long Bredy, where it receives a clear crystalline stream from the overhanging heights which surround this lovely village, after receiving accessories from Gorwell, Luke, Puncknowle, and Swyre on its left bank; from Litton Cheney

Chilcombe, and Sturthill on its right; and the drainage of Shipton Beacon and the neighbourhood, much less at Grayson, it continues its course through the village of Burton Bradstock to the sea on the west side of Burton Cliff.

The Char rises from the bases of Pillesdon and Lewesdon Hills, and, before reaching the village of Whitchurch Canonicorum it receives several minor streamlets, the most considerable of which comes from the neighbourhood of Bettiscombe, and the eastern side of Lambert Castle and Conic Castle Hills, from whence it runs in a southern direction and meets the sea at Charmouth.

A little brook, which rises at Hadden Hill and passes through Chideock, falls into the sea two miles east of Charmouth.

The Lyme, which rises at the borders of the county above Uplyme, after a course of four miles, meets the sea near The Cobb, receiving only a small affluent at Colway.

B.

The Yeo or Ivel rises near Milborne Port, where it is joined by a stream whose springs are at Charleton Hawthorn, and another from Purse Caundle, after passing through Bradford Abbas, where it is joined by a river from springs from Batcombe and Hilfield passing through Chetnole, Yetminster, and Bere Hackett; another from springs at Buckshaw, a third from Chelborough, and a fourth from Halstock.

C.

The Frome, which rises near Evershot, passes through a Greensand valley to Swanhills, about three-quarters of a mile from Cattistock, where it is joined by the drainage of a collateral valley from springs from the hills around Corscombe and Rampisham, and lower down a rill from Chilfrome. At Maiden Newton the *Frome* has a considerable accession by the confluence of the *Hook*, which rises at the base of the Toller Down range and the stream which drains the valley of West Compton and Wynford Eagle. An important tributary, the *Cerne*, which rises under the Minterne and Up Cerne ranges, joins the river at Wolveton. Passing on by the north side of Dorchester and Fordington it receives a further supply at Stafford from the *Winterbourne*, which rises above Winterbourne Abbas, and flows into the Poole estuary without any further accession excepting the little Luckford stream, which helps to isolate Purbeck from the main-land.

INDEPENDENT STREAMS.

The Wey flows from springs near the Church at Upwey at the junction of the Purbeck beds with the Portland sands; after passing through Broadway, Nottingham, and Radipole it falls into the Weymouth Backwater, which also receives on its western side two insignificant streamlets from West Chickerell and East Fleet. A small rivulet which falls into the Fleet near Langton Herring Parsonage rises at East Elworth, in the parish of Portisham. The drainage of Whiteway Hill at East Lulworth contributes a little rill which passes close to the East Lodge gates of Lulworth Park, and falls into the sea at Arish Mill, Worthbarrow Bay.

D.

The Puddle rises at Plush, and flows without receiving any tributary until it reaches Burtleston, where it is joined by the Devilish stream from springs near Bingham's Melcombe. Near Hyde it receives an affluent,

which, rising at Hilton, passes through Milton, Milbourne St. Andrew, and Bere Regis. Finally it flows into the Poole estuary below Wareham.

INDEPENDENT STREAM.

Sherford river, which rises near the base of Woodbury Hill, after flowing through Morden Park lake, passes on the north side of Wareham and enters the Poole estuary at Lytchett Bay.

E.

The Stour, which is one of the principal rivers of the county, crosses the Wiltshire border near Penselwood, and passing through Sturminster, Blandford, and Wimborne it crosses the county boundary at West Parley, a distance of about 55 miles. It receives several affluents, of which the Lidden and the Cale are in this district (E), the Winterbourne, the Tarrant, and the Allen in the F District. The Lidden rises at East Knoyle and joins the Stour at Accliff Mill, also Fernbrook, which rises at the base of the hill below Shaftesbury, as well as the stream whose junction with the Stour is at Manston. The Cale, which unites with the Lidden at Stalbridge Mill, rises near Wincanton. The sources of the Lidden are at Buckland Newton and Whitfield. A stream, whose sources are under the Bulbarrow range, after passing through Fifehead Neville, enters the Stour north of Sturminster Newton. A small stream from Fontmell Magna enters the Stour at Little Fontmell, near Hayward Bridge, which is the limit of District E.

F.

The first accession this lower section of the Stour receives is near Durweston Bridge by the Iwerne stream, which rises at Iwerne Minster; the Tarrant, which rises at Tarrant Gunville, joins it at Crawford Bridge, and the Winterbourne from the springs of Winterbourne Houghton at Sturminster Marshall. At Wimborne it receives the Allen from springs north of St. Giles and Gussage St. Michael. Below the junction of the two streams it passes through the picturesque lake of Crichel. From Wimborne the Stour continues its south-easterly direction, and after passing Canford and Hampreaton it crosses the county border about half-a-mile below West Parley. Moor's river, which rises under the Pentridge range, passes through Cranborne and Verwood and crosses the county border at St. Leonard's Bridge.

G.

The Corfe river, which commences its course at North Eggleston, passes through Steeple; at Puddle Mill it receives contributions from East Whiteway and Church Knowle; near the Corfe Castle gorge a rivulet from the Blashenwell spring and the Byle brook flow into it; at Wych it ends its course in the Poole estuary. There is only one stream east of Byle's brook from springs near Westwood under Ninebarrow Down, and joined by a rill from Godlingstone it flows into the sea north of the town of Swanage. A forked rivulet after a short course from springs under Westhill falls into the sea at Chapman's Pool, and a rill from springs above Encombe House. Several independent streams flow into the Poole estuary—1, from Furzebrook and East Creech to Turner's Cove; 2, from Hixon to Middlebere; 3, from Rempstone Heath to Over and Fitzworth.

GEOLOGY.

LIST OF THE GEOLOGICAL FORMATIONS IN DORSET.

TERTIARY OR CÆNOZOIC. MESOZOIC OR SECONDARY.	NEWER.	RECENT	{ Terrestrial, Alluvial, Estuarine, and Marine Beds of Historic, Bronze, Iron, and Neolithic Age	
		PLEISTOCENE	{ Terrestrial, Alluvial, Estuarine, Ma- rine, and Glacial Beds of Palæo- lithic Age	
		PLIOCENE ? ...	{ Dewlish Elephant Bed	
		MIOCENE ...	{ Absent	
		OLIGOCENE ...	{ Absent	
	OLDER.	EOCENE	{ Bagshot Beds London Clay Woolwich and Reading Beds	
		CRETA- CEOUS	UPPER	{ Chalk { Upper Middle Lower Greensand and Gault
			LOWER	{ Vectian or Lower Greensand Wealden
		JURASSIC	{ { { { {	Purbeck Beds Portland Beds Kimmeridge Clay Corallian Beds Oxford Clay Cornbrash Bradford Clay Forest Marble Fuller's Earth Inferior Oolite Midford Sands { Passage Beds Lias

RHÆTIC BEDS.

The Rhætic Beds first appear on the coast between Axminster and Lyme; they are characterised by *Avicula contorta* and pass eastward beneath the Lias, which constitutes the base of the Jurassic series commencing at Lyme Regis. British Geologists divide the Lias into Lower,

Middle (Marlstone), and Upper. This classification holds good generally from Yorkshire to Dorsetshire with little or no unconformity, while the series is grouped by Mr. H. B. Woodward into zones, each named after its characteristic Ammonites.

LOWER LIAS.

Lower Lias, 1. Planorbis zone, the chief palæontological feature of which is the first appearance in Britain of Ammonites, a group represented by 480 species in the Jurassic rocks, of these the Lower Lias has 173, the Middle Lias 54, and the Upper 79. The Lower Lias is well developed at Lyme Regis. *Ammonites (Ægoceras) planorbis* occurs at the base between the underlying Rhætic and the *angulatus* beds above. 2. Zone of *Ammonites (Ægoceras) angulatus*. This zone has until lately been associated with the Bucklandi beds, but it now has a distinctive place in the Lower Lias. 3. Zone of *Ammonites (Arietites) Bucklandi*, the Lima Bed or Blue Lias of authors. These beds are the base of the series at Lyme Regis, and are characterised by the Ammonites *A. Bucklandi*, *A. bisulcatus*, *A. Conybeari*, and *A. Turneri*. They are 120 feet thick. The upper series represented by *A. Turneri* is a marked feature on the cliffs east of the Church. The Reptilia of this zone are *Plesiosaurus macrocephalus*, *P. dolichodeirus*, *Ichthyosaurus communis*, *I. tenuirostris*, *I. platydon*, *I. intermedia*. 4. Zone of *Ammonites (Arietites) obtusus* attains a considerable thickness at Lyme Regis—from 80 to 100 feet. The lower part contains *Am. Birchii*, and above are bands of limestones containing Septaria. The remarkable Dinosaur *Scelidosaurus Harrisoni* (Owen), which is exhibited in a case in the Geological Department of the British Museum, Cromwell-road, came from the shales above the "mud-stones" of this zone. 5. Zone of *Ammonites (Amaltheus) oxynotus*, it constitutes the greater part of the *Belemnite beds*, (from the prevalence of *B. acutus*.) At Lyme Regis the beds are composed of black pyritous and impure shales. The Middle Lias is well exposed at Lyme Regis and is stratigraphically conformable to the lower Lias. Mr. Carruthers, F.R.S., Keeper of the Botanical Department of the British Museum, Cromwell-road, has determined two Cycadaceous plants from the Lower Lias beds of Lyme Regis, *Yatesia gracilis* and *Mantellia (Cycadeoidea) pygmaea*. No real boundary can be drawn between the Lower and the Middle Lias, but it can be approximated by distinguishing the beds containing *Ægoceras capricornus* and *Æ. Henleyi*, from those with *Amaltheus margaritatus*.

MIDDLE LIAS.

The Middle Lias is well exposed on the cliffs of Black Ven, Westhay, Golden Cap, and Down Cliff. At Black Ven it is 94 feet thick, at Westhay about 220 feet, at Golden Cap about 350 feet, at Down Cliff about 270 feet. The total thickness is 934 feet.

The Lower Beds, including the Belemnite bed, which contains chiefly *Belemnites longissimus*, are well seen at Westhay Cliff. They are 90 feet thick and consist of alternating layers of marls, shales, and beds of impure limestone, containing Belemnites and *Ammonites raricostatus*, shales and a thin band of limestone full of Belemnites, of which *Belemnites longissimus* is the most numerous. These are succeeded by the Green Ammonite beds, which are the higher portion of the non micaceous marls. The overlying three tiers of fine-grained calcareous micaceous stone are the first appearance of mica in the Middle Lias a mineral which appears at intervals up to the Upper Lias Sands. The three tiers stand out prominently in the face of the cliffs, forming ledges over

which several springs fall ; they vary from 2 feet to 4½ inches in thickness, and are separated from each other by micaceous sandy clays. After the Star-fish-bed, which contains *Ophioderma Egertoni*, comes a mass of marly and shaly sand, and the Margaritatus bed so-called from the abundance of *Amaltheus margaritatus*. A layer of marl intervenes and is capped by another series of micaceous sands, less calcareous, and brown in colour and measuring about 30 feet in thickness. A conglomerate of pebbles embedded in a ferruginous matrix with oolite-granules overlies these sands.

The uppermost member of the series, the Marlstone Rock-bed, of which *Amaltheus spinatus* is the characteristic Ammonite, is well exposed from Pinhay Bay to Bridport Harbour. It is very hard and ferruginous, and united in one bed with the base of the Upper Lias, showing a pale cream-coloured and pink limestone on the upper, and a brown nodular limestone on the lower part. The Marlstone Rock is very fossiliferous including Ammonites, some of which pass up into the Upper Lias. There is a large assemblage of Gasteropoda, Conchifera and Brachiopoda, many of which appear on the opposite coast of France, and this, as might be expected, at a point so near the English coast. Mr. Day says : * " I have been led to believe that immediately previous to the deposition of the Upper Lias some disturbing cause for a time changed the direction of the currents which had brought here the mud and sand of the lower and middle divisions, and that in place of continuing gently to lay down these deposits the action of the water was for a time, and over certain districts, confined to the destruction of beds previously formed and consolidated." The Middle Lias occurs inland, north of Wotton Fitzpaine and in a brickyard north of Allington. The Micaceous Sands with hard blue calcareous sandstones crop out in the deep lanes of the neighbourhood, also in Short's-lane, Symondsburly, which shows the upper beds of the Middle and the lower beds of the Upper Lias ; another exposure at Bothenhampton shows the Marlstone Rock capped by an Upper Lias-conglomerate.

UPPER LIAS.

Although there is no decided palæontological break between the Middle and Upper Lias there is no difficulty in finding the junction. The Upper Lias is about 70 feet thick, and includes all the argillaceous, shaly, marly, and sandy deposits between the *Am. spinatus* beds of the Middle Lias and the basement bed of the Inferior Oolite characterized by *Ammovites (Harporcas) Murchisonæ*. † Mr. H. B. Woodward describes it as a clay-deposit about 70 feet thick resting upon the remarkable junction-bed which has been described above. It is divided into four zones—1 serpentinus, 2 bifrons, 3 Jurensis, 4 opalinus. Near the summit of the Chideock Hill, at Burton Bradstock, and on the east side of Bridport Harbour the zone of Ammonites Jurensis is well shown in the cliffs. Above it is a series of yellow sands, known as Midford Sands from 150 to 200 feet thick, containing concretionary nodules, with intercalated layers of comminuted shells, about a foot thick, occurring at intervals of from four to ten feet, also an upper layer of calciferous grit, and brown sand-rock. They separate the *Harp. bifrons* beds from the regular Inferior Oolites of Dorsetshire.

* Q.J.G.S., Vol. XIX., p. 294.

† Geology of England and Wales, p. 276.

* Mr. S. S. Buckman shows the following section at Burton Bradstock, (1.) Brash and rock, with *Am. opalinus* three inches. (2.) Calciferous-grits, and brown sand-rock of the Yeovil Sands, seven feet. (3.) Main mass of Yeovil Sands extending to a depth of 150 to 200 feet. (4.) Upper Lias containing *Harp. bifrons*.

The Blue Clay of Down Cliff which lies below the Yeovil and Bridport Sands has yielded Ammonites of the genera *Dumortieria* and notably *D. radians*. This genus has a limited horizon at the base of the opalinus zone, and the top of the Jurense, of which *D. radians* is a distinctive species; in that case, Mr. S. Buckman adds, the blue-marl is only a part of the Yeovil Sands, as it occurs also in them. The Sands had better be regarded as passage or transitional beds.

The Liassic seas contained upwards of 120 species of fish, many of which had symmetrical tails which distinguishes them from those of the palæozoic age, all of which, like the shark and sturgeon of the present day are heterocercal, that is to say the lobes of the tail are unequal. Reptiles swarmed at this period. Marine Lizards, some of gigantic size, made their appearance in the Rhætic, if not in the Triassic seas, and continued to the end of the Cretaceous age. Besides these marine forms, remains of Flying Reptiles, *Pterosaurus* are found in the Lower Lias, and the Crocodilian *Teleosaurus* in the Upper Lias. At the close of the Liassic period the sea-bed was raised, followed by shallow seas and estuarine conditions.

INFERIOR OOLITE.

The Inferior Oolite, which is upwards of 350 feet thick at Cheltenham, is not more than 15 feet at Burton Bradstock. It commences with the extremely fossiliferous zone of *Ammonites (Harpoceras) Murchisonæ*. As in the Lias the beds can be determined by the characteristic Ammonite of each zone. This is clearly shown in Mr. S. S. Buckman's monograph. The following zones follow each other in an ascending order—1 *Harp. Murchisonæ*, 2 *Harp. Sowerbyi*, which some Geologists regard as only a sub-zone, 3 *Stepha. noceras. Humphriesianus*, which is well shown at Bridport, Sherborne, Wyke, &c., 4 *Cosmoceras Parkinsoni*, almost confined to Dorsetshire. It produces several Brachiopods, among them *Terebratula spheroidalis*, *T. perovalis*, *T. Phillipsi*, *Rhynchonella spinosa*, *R. subtetrahedra*, and the bivalve *Astarte obliqua*.

Two and a-half miles east of Half-way House, near Sherborne, the bulk of the limestones—nearly 40 feet thick—are in the *Parkinsoni* zone in which *Megalosaurus Bucklandi* was found, now preserved in the Sherborne School Museum. This zone is represented at Walditch, Chideock, Burton Bradstock, and the neighbourhood of Sherborne by the Upper Trigonia-grits, containing *Ammonites Martinsii*, *Am. Truelli*, and the Echinoderm *Hyboclypus gibberulus*, and *Echinobrysis clunicularis*. Like the Lias the Inferior Oolite is confined to the western side of the county. The beds are much dislocated between Wayford and Beaminster and at its southern boundary they rest upon the Upper Lias Sands, and have a wide extension between Beaminster and Poorstock. A fault at Shipton Gorge causes its disappearance. At Burton Bradstock it is represented by ferruginous limestones containing a large percentage of iron, a cone of *Araucarites sphaerocarpus* Carr., and the fruit of the genus *Podocarya* allied to the Pandanus, or Screw-Pine of the Indian Archipelago, were found in the cliffs of Burton Bradstock.

* Monograph on the Inferior Oolite Ammonites, Pal. Soc., p. 47.

The following is a section of East Hill Quarry at Bradford Abbas* :—

		ft. in.
Zone of <i>Ammonites</i> <i>Parkinsoni</i> .	a. Whitish Limestone in beds which are not very fossiliferous though <i>A. Parkinsoni</i> occurs rarely and mostly towards the base.	6 6
	b. Marl-beds with <i>Terebratula Morieri</i> , and <i>Rhynchonella parvula</i>	0 6
Zone of <i>A. Humphriesianus</i> .	c. The "rotten bed" with large <i>Astarte</i> , very small <i>Ammonites</i> ; thickness variable, about	0 6
	d. Irony stone.... ..	0 6
Zone of <i>A. Murchisonæ</i> .	e. The great shell-bed of Bradford Abbas with <i>A. concavus</i> in abundance, and many specimens of <i>A. Sowerbyi</i> , &c. Full of univalves. A yellowish iron-shot oolite.	2 0
	f. The Pavingstone or <i>Murchisonæ</i> bed proper.	1 6
	g. The "Dew-bed."	1 2
		<hr/> 12 8

FULLER'S EARTH.

This argillaceous deposit of marls and clays is a transition between the Great and Inferior Oolite. It is about 400 feet thick in Dorsetshire and is divided about the middle of the series by beds of soft argillaceous limestone, termed Fuller's Earth-rock. The Fuller's Earth runs east of Sherborne in a long narrow strip south-west to Clifton Wood; after being interrupted by faults it spreads out between Halstock, and South Perrott, it then curves round by Mister-ton, and runs north of Beaminster to Toller Porcorum, Hook Park, Witherston, near Shipton Gorge, and includes a narrow area north of Burton Bradstock. The most western extension is at Watton Hill, near Eye (which is capped by an outlier of Forest Marble), and Puncknoll. It forms also the upper beds of Burton Cliff. The Fuller's Earth-rock is confined to the northern part of the county, where it is extensively quarried for lime and used for top-dressing the land. It is well exposed also at Milborne Port. The clays produce good grass and support an excellent pasturage. The characteristic fossils are *Ostrea acuminata*, *Pecten vagans*, *Terebratula (Waldheimia)*, *ornithocephala*, and *Rhynchonella varians*.

BRADFORD CLAY.

The Great or Bath Oolite and the Stonesfield Slate are absent in Dorsetshire.

The Bradford Clay is considered to be a local deposit between Bradford-on-Avon and Cirencester; there is a hard-brown sandy bed of marl, ten or twelve feet thick at the upper part of West Cliff, Bridport Harbour, underlaid by fifty feet of clays, containing many of its characteristic forms, *Terebratula intermedia* var *longionensis*, *T. coarctata*, *T. maxillata*, *Waldheimia obovata*, *W. digona*, &c.; a similar bed occurs at Burton Bradstock, Puncknoll, Melbury Park, and near Weymouth, these are to all appearance representatives of the Bradford Clay.

* Woodward's Geology of England and Wales, p. 293.

FOREST MARBLE.

This representative of the Great Oolite consists of blue clays and marls with thick layers of limestone, comminuted shells and sandy slates. It abounds with ripple and current-marks, from which, and the wood it frequently contains, it is probable the beds were laid down in a shallow sea. In Dorsetshire the lowest portion consists chiefly of clay, with occasional thin layers of fissile and sandy limestone. The whole series is estimated at 450 feet and rests conformably on the Fuller's Earth. The stone is quarried for flagstones, building, and lime. The soil is generally cold and wet and unfavourable for cultivation. The shells, which are usually fragmentary, are identical with the types of the Great Oolite. The Forest Marble forms a prominent escarpment at Lillington, near Sherborne, and on the West of Stalbridge, which is its northern extension. Fragments of drifted wood (Coniferous) are common, but all other plant-remains are absent.

CORNBRAsh.

This is the uppermost section of the Lower Oolite, consisting of a rubbly hard nodular limestone (not oolitic in Dorsetshire), intercalated with yellow marls and clays. It is continuous across England from the coast of Dorset to Yorkshire. It enters the county near Stalbridge, and passing on through Stourton Caundle to Holwell a fault throws it northward towards Hayden. It flanks the Honeycombe and Lillington range, and passes through North Wootton, Folke, Leweston, and Bere Hackett, where it is displaced by another fault. It appears again at Ryme, Sanford, West Chelborough, and Rampisham. It occupies an area of some six miles long, and five broad in the Valley of the Bredy, and occurs in the Vale of Weymouth from Langton Herring to Radipole. Owing to the predominance of phosphoric acid and carbonate of lime, it is superior in an agricultural point of view to the Forest Marble. This superiority is well shown at Puncknoll and Swyre, whose green pastures and brashy arable fields on their northern exposure are a striking contrast to the vegetation on the southern. The maximum thickness in this district is about forty feet. The formation is very fossiliferous, including *Aviculo echinata*, *Pholadomya bucardium*, *P. deltoidea*, *Myacites securiforme*, *Rhynchonella concinna*, *Echinobrissus clunicularis*, *Ostrea marshii*, *O. Sowerbyi*, *Teredratula intermedia*. A Saurian, *Stenocaurus Stephani* * was found in the Cornbrash of Holwell.

OXFORD CLAY

Is a nearly uniform mass of dark clays and shales with occasional beds of argillaceous limestone. It occupies a large area in the Vale of Blackmoor, running uninterruptedly from Buckhorn Weston, Stalbridge, Stock, Holnest, Leigh, † Melbury Osmond, and Rampisham, where it passes beneath the overstepping Cretaceous Strata. It appears on the southern side of the Chalk at Longbredy and continues in a westerly direction where it is cut off by a fault at Bredy. Near Weymouth it is about 300 feet thick and forms the low cliffs bordering the Backwater, and The Fleet, large specimens of *Gryphaea dilatata*, are abundant and Kidney-stones, composed of reddish-brown concretions, with veins of calcspar. The

* Dorset Nat. Hist. and Antiq. Field Club, Vol. I., p. 28.

† Geology of England and Wales, H. B. Woodward, p. 223. Damon's Geology of Weymouth, p. 22.

abnormal and elevated portion of Oxford Clay at the mouth of the tunnel on the Dorchester Railway near Upwey is due to a local faulted uplift along the line of the disturbance which is known as the great Ridgeway fault. The Oxford Clay is here squeezed up and brought in between the Wealden Beds on the south, and the Chalk on the north. The fossils most characteristic of the Oxford Clay are *Gryphaea dilatata*, *Ostrea Marshii*, *Trigonia clavellata*, *Belemnites hastatus*, *Rhynchonella varians*, *Ammonites excavatus*, *Ophioderma Weymouthensis*. The *Cimoliosaurus richardsoni** perfect, with the exception of the head and a few cervical vertebrae, was discovered by Mr. Nelson Richardson in the Oxford Clay of Chickereil.

CORALLIAN.

This formation consists of a series of limestones, calcareous sands, and grits. The more calcareous portion of the series (Coral Rag) is so termed from the abundance of Corals in the typical beds of Oxfordshire and Wiltshire. In Dorset it yields but few fossils. Near Weymouth the Corallian beds form a lenticular mass, having its greatest thickness at Sandsfoot. The base is composed of calcareous sands and hard bands of grit about 30 feet thick and are well shown at the Nothe. These are succeeded by the Upper Grit series (Bencliff grit) and by sands characterised by large Doggers. The passage from the Oxford Clay is well defined. The Corallian appears in the cutting of Weymouth and Portland Railway at Rodwell. Between these two series of grits the beds are more Oolitic. The entire thickness of the series at Weymouth is about 250 feet.

Messrs. Blake and Huddleston † divide the area occupied by the outcrop of Corallian into 5 districts—1 Weymouth, 2 North Dorset, 3 North Wilts and Oxfordshire, 4 Cambridge reef, 5 Yorkshire basin.

The Trigonia bed, which is composed exclusively of *Trigonia clavellata*, lies between Bencliff and Sandsfoot, in the Coral Rag section of the series. There is a good exposure of the Lower Calcareous Grit from Preston Hill to Ham Cliff, North Shore. At Ham Hill the Coral Rag is let down by a fault to a level with the Oxford Clay. There are other good sections of the Corallian at Osmington Mills, and between Broadway and Abbotsbury. At Abbotsbury there is a remarkable local deposit of considerable thickness, of a hydrated oxide of iron, containing a well marked and abundant fauna. *Ammonites decipiens*, *Rhynchonella corallina*, *R. inconstans*, *Waldheimialampas*, *Teretratula subsella*, *Nerinæa Goodhallii*. Linton Hill, which is Corallian, has a considerable higher elevation than the beds of Gorwell road, which belong to the lower part of the series.

Corals of the district—*Thamnastræa arachnoides*, *T. concinna*, *Thecosmilia annularis*, Alcyonium.

The Corallian beds of Weymouth and Abbotsbury are separated by the denudation of the Weymouth anticlinal. The Village of Abbotsbury stands in the synclinal of Linton Hill, of which Professor Blake and Mr. Huddleston give the following table of the beds ‡:—

{	8 Coral Rag and Abbotsbury Sandstone.
	7 Sandsfoot Grits, 25 feet, seen at Sandsfoot Castle, Linton Hill, Abbotsbury.
	6 Sandsfoot Clay, 40 feet, <i>Ostrea deltoidea</i> .

* Dorset Nat. His. and Antiq. Field Club, Vol. X., p. 171.

† On the Corallian Rocks of England by Rev. J. F. Blake and W. H. Huddleston, Q.J.G.S., Vol. XXXIII., 1877.

‡ Q.J.G.S., Vol. XXXIII., p. 292.

- 5 *Trigonia* beds, 28 feet. Gritty and shelly limestone seen on the ledges south of Bencliff near Weymouth and near Osmington.
- 4 Osmington Oolite, 22 feet, shows also under Bencliff; at Wyke and Osmington.
- 3 Bencliff grit series, 20 feet. Calcareous grit, sand, and laminated sandy clays, with Doggers of indurated calcareous sandstone, at Bencliff and Osmington.
- 2 Nothe Clays, 40 feet, Weymouth Bay, *Gryphæa dilatata*.
- 1 Nothe grits, 12 to 30 feet. Calcareous sands and grits seen at Nothe Fort, Weymouth, and near Osmington.

The iron-ore of Abbotsbury yields about 43 per cent. of ferric-oxide in mass, although the oolite granules contain about 73 per cent. The matrix contains a good deal of silica (42 per cent.), which gives the ore a less commercial value. In North Dorset the Corallian Beds emerge from beneath the Gault between Hilfield and Hermitage and run eastward by Glanville's Wootton to Hazelbury Bryan, whence they bend northward by Sturminster Newton and Marnhull to the west of Gillingham.

The Corallian of North Dorset contains a larger proportion of calcareous matter than that of the Weymouth district, and beds of *pisolite* are a special feature, consisting of small round or oval concretions about the size of peas or small beans, embedded in a matrix of marly limestone, formed by the deposition of successive coats of carbonate of lime. A bed of *pisolite* is exposed in the bank of the roadway south of the Stour at Sturminster Newton.

A good section of the upper part of the group is exposed in the railway cutting west of Sturminster Newton Station, consisting of argillaceous sand, limestone, and calcareous sandstones, where they are 74 feet thick. The grits and sands are slightly shown at Cucklington, where they form a steep escarpment. There are thick beds of limestone at Marnhull and Stour Provost, which attain their maximum thickness at the entrance of the Gillingham tunnel on the South-Western Railway. The Todbere quarries yield the characteristic fossils, *Trigonia clavellata*, *Echinobrisus scutatus*. A quarry at Mappowder has yielded *Rhynchonella Thurmanni*.

KIMMERIDGE CLAY.

This formation is named from a small Dorsetshire village. It is composed of a series of clays and bituminous shales intercalated with tabular layers of argillaceous limestones. The lowest beds are sandy and scarcely distinguishable from the coarse sandy beds of the upper calcareous-grits of the Corallian. These lower beds appear on the west of Ringstead Bay, they are termed "Passage-beds" by Messrs. Blake and Huddleston, and are highly fossiliferous. Mr. Damon's list contains no less than 90 species, of which *Ostrea deltoidea*, *Pleurotomaria reticulata*, pass up from the Corallian, but not *Trigonia clavellata*, which is so abundant in the latter. *Ammonites mutabilis* and *Am. Berryeri* are characteristic of these beds.

The Kimmeridge Clay can be traced with very little interruption, from Dorsetshire to Yorkshire. It forms the substratum of the Isle of Portland and is well shown at Gad Cliff and St. Alban's Head; through faults and disturbances both these fine headlands are geologically similar, although several miles distant from each other. An anticlinal flexure causes the beds which rise from the shore at St. Alban's Head to descend in a reverse order at the foot of Gad Cliff; they re-appear at Ringstead

Bay. * At Kimmeridge the beds are about 600 feet, consisting of a series of paper-shales, bituminous shales, and cement-stones. This is the Virgillian group of Continental authors and characterised by *Ammonites biplex*, *Am. Thurmanni*, *Trigonellites* or *Aptychus sublaevis*, the operculum, or the peculiar appendage of some species of Ammonites, *Lucina minuscula*, *Cardium striatulum*, *Astarte lineata*, *Discina latissima*, *Cocconeuthis latipennis*. It is well exposed from Poxwell and Osmington to Abbotsbury, on the north side of the Weymouth anticlinal, its breadth varying from a mile to half-a-mile. It crops out on the disturbed district of Litton Cheney and Longbrey, and forms the coast-line from the south of Sandsfoot Castle to the Ferry-Bridge on the main land and is the basement-bed of the Island from Chesilton to the Convict Prison and Church Hope Cove. In North Dorset it emerges from beneath the Gault at Lyon's Gate, near Minterne, and forms the boundary line of the Vale of Blackmoor from Woolland and Sturminster Newton, to Gillingham and Mere, where it is faulted against the Upper Greensand. East of this line it occupies the broad tract of country which slopes to the foot of the Chalk-escarpment south of Shaftesbury. It is less bituminous in the Vale of Blackmoor than at Kimmeridge; it burns vividly with a bright and clear flame, but is unfit for ordinary use as fuel, owing to its unpleasant odour, resembling that of petroleum. A block of best shale when reduced to ashes loses slightly in bulk, but in weight it loses about 75 per cent., so abundant is its volatile matter. The following is the analysis of J. W. Keates, Esq., Consulting Chemist of the City of London Gasworks:—

“ Nine thousand cubic feet of gas per ton. Its lighting power is equal to 16 candles (sperm), consuming 120 grs. per hour, being burned at the rate of 9·2 cubic feet in a fifteen-holed Argand burner. The lighting power of ordinary London gas is 12 candles similar to those mentioned above.

Volatile matter	...	...	...	...	...	61
Carbon or coke	...	...	...	...	...	39
						—
						100
The coke contains —						
Insoluble residue	...	...	...	...	...	29·01
Peroxide of iron	...	...	...	...	...	7·10
Silica	...	...	...	...	...	21·75
Alumina	...	...	...	...	...	10·60

Under a certain treatment one ton of shale can be made to yield 7½ gallons of naphtha, 10 gallons of lubricating grease and oils, 120lb. of pitch, 1½cwt. of coke, and a little pure white paraffin, also an excellent varnish. Of the 20 tabular layers of argillaceous limestone which intercalate the shale the products of two only are of any commercial value.

The distinctive character of this formation as compared with the Carboniferous Shale is that the bituminous matter is principally the result of the decomposition of animal matter. Like the Lias of the western side of the county it yields a rich supply of Saurian and Cephalopod remains, much impregnated with iron-pyrites, many of which have been figured and described by J. W. Hulse, Esq., F.R.S., and the late Sir Richard Owen. The largest number of Reptiles both in genera and species known in the secondary rocks of Britain occur in the Kimmeridge Clay. Six orders are represented, Chelonia, Crocodilia, Ichthyopterygia, Sauropterygia,

* “On the Kimmeridge Clay of England,” by Professor J. F. Blake, J.G.S. Vol. XXXI., p. 196-233.

Pterosauria, and Dinosauria. These six orders contain the following seven genera :—

Crocodylia	{ Dakosaurus
	{ Steneosaurus
	{ Teleosaurus
Chelonia	{ Enaliochelys
	{ Pelobatochelys
Ichthyopterygia	{ Ichthyosaurus
	{ Ophthalmosaurus
Sauropterygia	{ Pliosaurus
	{ Plesiosaurus
	{ Cimoliosaurus
Ornithosauria	{ Pterodactylus
Dinosauria	{ Omosaurus

In addition to the evidence of the proximity of land during the laying down of the Kimmeridge beds, furnished by the remains of terrestrial Dinosaurs, a fossil plant, *Finites depressus*, has been confirmed by Mr. Carruthers, F.R.S.

A marine Alga, *Caulerpa Carruthersii*, *G. Murray was discovered in the Kimmeridge Clay of Weymouth by the late Mr. R. Damon, and described by him as an Equisetaceous plant, but proved to be a true *Caulerpa*. The present existing species are mostly tropical, a few reaching as far north as the Mediterranean, and as far south as the Cape of Good Hope.

PORTLAND BEDS.

The Portland Sands, which overlie the Kimmeridge Clay are a series of sands, with concretionary sandstones and clays, succeeded by massive oolites and freestones—Portland Stone—forming the series known as the Portland Beds. The lower series consists of light-grey glauconitic sands, also coarse sandy-beds containing *Trigonia Pellati* and *Panopæa*, cement stones, and concretionary nodules. It is well exposed at St. Alban's Head and Gad Cliff and forms the southern slopes of the range of hill between these two headlands. It meets the coast-line at Winspit and is well shown in the longitudinal valley from Pier Bottom to the south of Kingston. It reappears on the westward near Stair Cove and again at Osmington, where it takes a northerly direction to Poxwell and westerly through Chalbury, Bincombe, Upwey, and Portisham.

The Oolites and Freestones of Portland comprise thick beds of stone—(1) "The Roach," which differs in various parts of the Island both in structure and thickness. At the Verne it is three and a-half feet thick and composed of various shells, casts only of which are preserved. Of these *Cerithium portlandicum*, locally called "The Screw," is the most characteristic. It is so abundant that the smallest fragment contains portions of it. Two other characteristic fossils are *Pecten lamellosus* and *Ostrea expansa*. In other parts of the Island "The Roach" is entirely made up of *Plicatula* and *Lithodomus*. At the Bill *Ostrea* predominates. (2) The Whit-bed, the next in downward succession, is separated from "The Roach" by a thin band of flint. It is the most valuable stone of the Island; *Ammonites gigantæus* is peculiar to this bed. (3) The bottom bed is an oolite stone not so often used; it consists of limestone with nodules of flint, and rests upon a local bed of clay—Portland Clay. The thickness of the upper

* *Phyological Memoirs, Geo. Murray, Pt. I., p. 11, 1892.*

portion, which is used as a building stone, is 12 feet ; the lower, which is useless in this respect, is about 20 feet.

The Portland Stone fringes the coast-line from Durdle-Door to Warbarrow and caps the range of hill from Gad Cliff to St. Alban's Head. The equivalent to the Portland Roach-bed is exposed in a quarry above Encombe House. The coast-line from St. Alban's Head to Tillywhim is flanked by the equivalent to the Portland Whit-bed, locally called Portland-Purbeck.

At Upwey three beds of the series are shown. The uppermost, which is 3½ inches thick, is full of *Trigonia* ; the middle, which is chalky and flinty, is about 40 feet thick ; the lowest corresponds with the clay-bed at the Verne, Portland. They are associated with the Portland Sands from Poxwell to Portisham.

PURBECK BEDS.

The preceding Portland beds were slowly upraised, portions became a land surface, but the Dorset area for the most part was converted into a land-locked lagoon, sometimes filled with freshwater and occasionally salt or brackish water by invasions of the sea.

The marine fauna of the Jurassic seas was replaced to a large extent by terrestrial, freshwater, and brackish water species. Insect remains are very abundant in the Lower Purbecks. The preservation of these delicate remains was probably due to the fineness of the deposit, and their abundance to the occasional wholesale destruction of insect-life through sudden changes of temperature or heavy falls of rain.

These beds have their fullest development in Purbeck, where they have been divided into three groups, the Upper, Middle, and Lower. The Upper Division consists of argillaceous limestones, shales, and clays. The Purbeck Marble, composed exclusively of *Paludina*, belongs to this division. Other beds contain freshwater shells, *Limnæa*, *Cyclas*, *Unio*, *Physa*, &c. The Middle Division consists of shales and limestones ; some of which are marine. The Lower Division, which is largely developed at Ridgeway, consists of marly limestones alternating with thin clays. It abounds with *Cypridæ* and freshwater shells, *Paludina*, *Cyclas*, and *Rissoa*, and an Isopod Crustacean, *Archæoniscus Brodici*. Some of the beds at Ridgeway are characterised by a Pupa and a water-beetle *Notonectes*.

The lower beds of the Purbecks are only met with in Portland, including the Dirt-bed, which consists of a carbonaceous clay—the soil of an old land-surface containing the remains of ancient forests of coniferous trees allied to the *Araucariæ*, and the undergrowth, which mainly consists of a Cycadian, *Mantellia megalophyllum*. Some of the conifers, 20 and 30 feet high, remain as they grew, standing up through the overlying Bur-bed. A considerable number of silicified stumps encased in dome-shaped concretions may be seen on a broad cliff-ledge about a quarter of a mile east of Lulworth Cove. The trunk of a large conifer lies among the debris under Gad Cliff, from whose summit it had fallen ; it is encased in limestone. The covering of the Portland Oolite with a freshwater deposit may be seen at Ridgeway, Lulworth Cove, Durlleston Bay. At Portland there are two dirt beds separated by a bed of limestone, 9 feet thick, termed "The Cap ;" the upper, which is a foot thick, contains conifers and cycadæ ; the lower, which is only four inches thick, contains cycadæ only.

The Middle Purbecks are largely developed in Purbeck, and differ from the Lower in their lithological character. The Swanage and Langton Quarries were of great commercial value formerly when they supplied

the London streets with their cubic blocks until superseded by wood and asphalt, which have nearly destroyed this industry. One of the beds of this series, locally termed the *Down's Vein*, a freshwater deposit, yields the majority of the Fish and Turtle-remains; of the former are *Aspidorhynchus Fisheri*, *Lepidotus minor*, *Histonotus angularis*, and two species of *Pholidophorus* of the latter, *Chelone obovata*, *Pleurosternum emarginatum*, *P. Bullocki*, and the Isopod Crustacean, *Archæoniscus Brodiei*.

The most remarkable bed of the Middle Division is the Cinder-bed, it is about 12 feet thick, and offers the first evidence of an invasion of the sea during the deposition of the Purbecks. The upper portion consists almost entirely of *Ostrea distorta*, the lower contains an *Ostrea* and a *Cardium*; the middle is a narrow calcareous band about a foot thick, containing *Hemicidaris Purbeckensis*, the only known Echinoderm of the Purbeck series, also an *Ostrea* and a *Serpula*. At Osmington the Cinder-bed is succeeded upwards by (G) Pecten beds (F), Beef beds (E), Corbula beds, and (D) the uppermost bed of the Middle Purbecks of Mr. Austen's list.

The jaw of a small marsupial was found in the Stonesfield beds, a local deposit of the Great Oolite, restricted to Gloucestershire and Oxfordshire. Thirty years afterwards jaws and teeth of two or three species of marsupials were found on the Upper Trias of Stuttgart and Somersetshire. Mr. J. H. Beckles, stimulated by the discovery of an insectivorous mammal, *Spalactherium tricuspides*, in the Middle Purbecks of Swanage, made a systematic search in 1856 in the freshwater marl-beds immediately below the *cherty* freshwater-series, and in three weeks his labour was rewarded by finding several marsupials in a thin layer 5 inches thick, many of which were new. Altogether there were 11 genera and 27 species. There is a valuable memoir* by Sir R. Owen on these Purbeck Mammals.

Two large crocodylians, *Goniopholis crassidens* and † *Steneosaurus Purbeckensis*, and two species of dwarf crocodiles, ‡ *Theriosuchus pusillus* and *Nonnosuchus gracilidens* were associated with the mammalian remains; the length of the former was only 18 inches and its skull 3½ inches. The balance of life was then carried on as at the present day by compensating influences, and we have in this instance proof that carnivores kept in control the undue proportion of insectivores. The land lizards, *Macellodon Brodiei* (of the size of the Great Land Monitor of India), and *Nothetes destructor* are restricted to the Feather Quarry (J. Chert-beds of Mr. J. H. Austin's list). The Purbeck Mammalia, all of which appear to be allied to Australian groups, do not extend upwards into the Tertiaries.

The Upper Division at Swanage commences with the Lower Insect-beds of Prof. E. Forbes, comprising limestones and bands of shaly clay, the latter charged with Cypridæ and well-preserved remains of beetles, especially the elytra and wings. These Insect Beds are succeeded by about 55 feet of shaley-clays and marls, containing estuarine shells and beds of gypsum. At Peverill Peak, Swanage, the upper-beds are about 30 feet thick, including a band of "Purbeck Marble" composed of the fresh water snail *Paluduna elongata*. It was held in high repute by the architects of the Middle Ages; there are few of our cathedrals and old churches whose pillars and window-shafts are not of this material. The interior of Kingston Church, recently built by the Earl of Eldon,

* Owen, Foss. Mammalia of the Mesozoic Formation, Mon. Pal. Soc., 1871.

† Pro. Dorset Nat. Hist. and Antiq. Field Club, Vol. I., page 12.

‡ Owen, Wolden and Purbeck Reptilia, Mon. Pal. Soc., Supplement IX.

is similarly ornamented with the Purbeck Marble procured from quarries on the Encombe Estate. The church is built of "Bur stone" also from the neighbouring quarries. The "Marble" crops out at Woody-Hyde on the lower Swanage and Corfe-road and continues along the northern side of the Church Knowle and Steple Valley. It is probable the greatest part of the Purbeck marble used for ecclesiastical ornamentation was procured from these Dorsetshire beds. The remainder of the Upper Purbecks consists of a series of bands of clays and stone, the former charged with Cypridæ, the latter with Unios. At Ridgeway the beds are coarser and more sandy, and occasionally contain lignite. At Mewps Bay they are thinner and contain greater varieties of species of Cypris than at Durlleston. A remarkable feature in the molluscan fauna of the Purbecks, consists in its similarity to that of the freshwater Tertiaries and of the present day, so great is the resemblance that with the fossils before us and no evidence of their geological position it would be difficult to assign them to a definite geological epoch.

WEALDEN BEDS.

Important changes took place at the close of the Purbeck period, which concluded the Jurassic epoch. The Lower Cretaceous beds comprise a succession of fluviatile and lacustrine sands and clays, which pass up into a marine group known as the Lower Greensand. The Wealden group occupies an extensive area in the country of the Weald, or those parts of Kent, Surrey, Hants, and Surrey which lie between the North and South Downs. It is not confined to this south-eastern area, but extends through the Isle of Wight into Dorsetshire, and is well shown in Swanage Bay. Here the beds are represented by alternations of red and purple-coloured clays, white and yellow sands, and occasional bands of quartzose sand-stone, or grit with lignite towards the base. The beds at Punfield are estimated to be 1,800 feet thick, at Worbarrow Bay 725, at Mewps Bay 660, at Lulworth Cove 460, and at Man of War Cove 170, showing a gradual western diminution, probably due to the shallowing of the water toward the western end of the lake. The Wealden lake occupied the same area as that of its Purbeck predecessor, but the aspect of the country may have undergone great physical and climatal changes. The Wealden Beds form the northern flank of the Valley from Swanage to Gad Cliff. At Swanage and Worbarrow the grit-beds alternate with red and green sandy-clay containing portions of silicified coniferous trees. Mr. Beckles found the foot-prints of a large three-toed land-reptile, 25 inches long. The impressions were evidently those of a living animal, as it traversed the shores of the lake. The *Iguanodon* by which the prints were made, walked in an upright position, making use of its hind legs only for progression. The alternation of the sands and clays at Worbarrow Bay with a coarser grit-drift and the substitution of sands at Swanage show that the strength of the stream was less as it proceeded eastward. The junction of the Weald at Swanage is only hidden by a fault, but it is well shown at Worbarrow. It also appears at the foot of the chalk-range between Mewps Bay and Man of War Cove. The Ridgeway fault brings it to the surface at East Chaldon.

The total thickness of the variegated bands of the Wealden is from 1,500 to 1,800 feet. There is a complete palæontological break between it and the Lower Greensand, accompanied by considerable erosion of the Weald.

LOWER GREENSAND.

Towards the close of the Wealden epoch there was a gradual depression of the land which gradually sank below sea-level. The exchange of a freshwater for a marine fauna is well shown at Punfield, where the junction-bed is a thin band of ironstone-grit containing small pebbles with the teeth and bones of fish—an accumulation of sediment, Mr. Meyer * remarks, such as would result from the dispersion of shore-deposits over the floor of a moderately deep lake. The fish-bones are the remains of the inhabitants of the freshwater lake when an abrupt invasion of the sea occurred, such as might be supposed to have resulted from the removal of some previously existing barrier between the sea and the lake. This ironstone-band is succeeded by two beds of clay, the lower containing Lower Greensand fossils, the other, an *Arca*, and the marine Crustacean (Atherfield Lobster) some of which are in the County Museum. Above these clays are the so-called "Punfield Beds," which Professor Judd placed in the Wealden group; but from the evidence obtained by Mr. Meyer of marine-shells below the Professor's "Marine Band" it is generally accepted that the whole series lying between the iron-band with fish-remains and the Gault is a littoral facies of the Lower Greensand.

The series thins out rapidly westward; at Worbarrow it is not more than 100 feet thick. The drainage of the land during the Wealden and Lower Greensand epochs was nearly the same, differing only in their catchment basins; one a lake, the other a sea. The only other exposure of the Lower Greensand in Dorsetshire is near Iwerne Minster, from Twyford to Childe Okeford, where it rests upon the Kimmeridge Clay. This tract of Lower Greensand was discovered by *Mr. Jukes-Browne in 1891.

GAULT.

This lowest member of the Upper Cretaceous strata is a bluish grey-clay. At Punfield it is about 110 feet thick and appears as a blue micaceous-clay below, more sandy and lighter in colour above, passing insensibly into the Upper Greensand. It forms a narrow belt from Worbarrow Bay to Lulworth Cove in the shape of dark-greenish shales with zones of dark concretionary nodules. The Gault and Upper Greensand rest successively in Upton Valley on the Purbecks, at Upton Hill on the Portland Stone, at Osmington Mills on the Hastings Sands and Kimmeridge Clay, at Puncknowle on the Forest Marble, at Shipton Gorge on the Oxford Clay, at Lewesden on the Midford Sands, at Black Ven, Golden Cap, and Stonebarrow on the Lias.

The outcrop of the Gault enters the north side of the county near Shaftesbury and forms a slope of stiff clay-soil below the sand and sandstones which support the Shaftesbury plateau. It is here about 70 feet thick, the upper part being a grey sandy micaceous clay, the lower stiffer with red ferruginous layers.

It was formerly thought that the Gault thinned out rapidly south of Shaftesbury, and it is so indicated in the map of the Geological Survey published in 1856, but a more recent examination by Mr. Jukes-Browne has shown that this is a mistake and that the Gault is continuous below the Greensand throughout the greater part of the county.

* Q.J.G.S., Vol. XXVIII., p. 250.

† Jukes-Browne, Geol. Mag., Decade 3, Vol. VIII., p. 456.

The Gault is exposed in a brickyard at Sutton Waldon, west of Iwerne Minster, at Okeford Fitzpaine, and at Ansty, north of Bingham's Melcombe, but it seldom contains fossils. It can be traced westward as far as Batcombe and Woolcombe near Evershot Station, but there it is very thin, and no trace of it has been met with in the extreme west of the county.

UPPER GREENSAND.

In the southern part of the county the Upper Greensand accompanies the base of the chalk except where interfered with by faults. It crops out at Punfield and underlies the Lower Chalk from Ballard Down through the island to Worbarrow Bay. It appears on the coast-line at Whitenose, on both sides of the Ridgeway fault at East Chaldon and at Oamington. Farther west it forms the crest of Abbotsbury Castle Rings and descends into the Gorwell and Ashly Valley to Longbredy. It enters North Dorset near Shaftesbury and forms a plateau or terrace below the escarpment of the chalk as far as the valley of the Stour at Childe Okeford. West of the Stour the outcrop is narrower and often forms a part of the main slope or escarpment. The lowest bed of Greensand is a stiff micaceous argillaceous sand, which passes down into the Gault. The central portion consists of soft yellowish-green sands, the upper part is generally a bright green sand with occasional beds of sandstone. Near Shaftesbury there is a bed of hard and rather coarse sandstone, which has been used as a building stone, and above this are light-grey sands with lenticular layers of chert; at Melbury Abbas there is a still higher bed, a greenish-grey sandstone, which has been quarried as a freestone. All these beds, however, thin out southward, and none of them are visible near Iwerne Minster, where the formation consists chiefly of soft sands.

West of the Stour the Greensand is at first very thin, not more than 50 feet, but it gradually thickens westward to over 100 feet. From Ansty and Bingham's Melcombe the uppermost member of the formation is a hard nodular glauconitic sandstone; under this is Greensand with some hard calcareous concretions, while the lower portion consists of soft yellow and grey sands.

In the extreme west of the county the top-bed of sandstone contains very large grains of quartz and is a coarse calcareous grit, exceedingly hard and rocky, so that it often forms a projecting ledge or bank, and can be easily traced across the country.

In the soft sands *Exogyra conica* is the commonest fossil; the glauconitic sandstone above mentioned is the home of several species of Pectens, *P. asper*, *P. quadricostata*, *P. orbicularis*, and *P. interstriatus*. *P. asper*, *P. quadricostata*, *Holaster laevis*, *Cardiaster fossarius*, *Catopygus carinatus* are the fossils most frequently met with in the calcareous grit of West Dorset. Near Bookham and Bingham's Melcombe phosphatised fossils and nodules occur in the top sandstone, a collection of which is preserved in the County Museum. The Upper Greensand is well shown at Maiden Newton and Frome Vauchurch. A fault near Evershot throws it down, and it takes a subsidiary place at the base of the chalk of the district. It is also exposed in the valleys of Askerswell, Compton Valence, Sydling, and Winterborne Steepleton.

THE CHALK.

Lower Chalk.—According to modern classification the chalk is divided into three stages—Lower, Middle, and Upper. The Lower Chalk extends

from the top of the Greensand to the base of a band of hard nodular chalk, which is known as the Melbourn Rock. Two sub-divisions are generally made, which are sometimes called the Chalk Marl and Grey Chalk respectively, the former being characterised by *Ammonites varians*, the latter by *Holaster subglobosus* and *Belemnitella plena*. In Dorset, however, *Holaster subglobosus* ranges down to the base of the formation. In the north part of the county the Lower Chalk is about 200 feet thick, but when traced westward along the main escarpment it loses half this thickness. At Swanage it is estimated at 120 feet, while at Lulworth and Whitenose it is only about 40 feet thick, according to Dr. C. Barrois. It is evident, therefore, that the Lower Chalk thins rapidly towards the south-west. The basement bed is generally known as the Chloritic Marl because grains of glauconite (formerly called chlorite) are so abundant as to give it a greenish hue. At Punfield it is 3½ feet thick with phosphatised casts of Ammonites and other fossils, most of which are probably derived. It is also exposed at Arish Mill Bay, Mewps Bay, Lulworth, and at Whitenose large blocks of it lie on the shore, and are very fossiliferous, including *Ammonites varians*, *Nautilus lævigatus*, *Scaphites equalis*, *Turrilités costatus*, &c. It occurs inland as a continuous stratum, and in the west it is exposed in many quarries, especially near Cerne, Evershot, and Maiden Newton, where the lowest six inches are crowded with fossils, the commonest being *Ammonites varians*, *A. Coupei*, *A. Mantelli*, *Nautilus lævigatus*, *Scaphites equalis*, *Turrilités Wiestii*, *Discoidea cylindrica*, *Holaster subglobosus*, *Cucullæa glabra*, *Terebratula bicipitata*, *T. subglobosa*. At Chardstock, in the extreme west of the county the Chloritic Marl is 3 feet thick and is full of fossils, including all the species above-mentioned.

Along the inland outcrop from Melbury Hill near Shaftesbury to Hambleton Hill near Childe Okeford the Chalk Marl is well developed and consists of alternating layers of soft marly clay and hard grey-chalk. These are well exposed in a chalk-pit at the north end of Hambleton Hill which yields *Ammonites varians*, *A. Rotomagensis*, *Scaphites equalis*, *Inoceramus orbicularis*, *Pholadomya decussata*, a large *Nautilus*, and other fossils.*

When traced westward the Chalk Marl either becomes very thin or else changes its lithological character. Chalk Marl fossils have been found at Stoke Wake and are preserved in the Dorset County Museum. Westward the Chloritic Marl passes up into firm greyish-white chalk with only fragment of *Inoceramus* and *Ammonites Mantelli*, also siliceous concretions often occur. The Chalk Marl outcrops near the top of Eggarden Hill north of Bridport. The higher part of the Lower Chalk consists of blocky whitish chalk without fossils, but there is generally a bed of soft grey-marl at or near the top, in which *Belemnitella plena* sometimes occurs.

Middle Chalk.—This division extends from the base of the Melbourn Rock to the hard chalky limestone known as the "Chalk-rock." It is at present uncertain whether this "Chalk-rock" should be included in the Middle, or regarded as the base of the Upper Chalk, but in this outline we shall adopt the latter view.

In the north-east of the county the Middle Chalk is about 100 feet thick, at Ballard Down near Swanage it is about the same, but it thins toward the south-west and is not more than 60 or 70 feet thick at Lulworth, and probably about the same near Maiden Newton.

The Melbourn Rock is a hard whitish-limestone with layers of small rounded nodules of hard chalk, and in the country south of Shaftesbury

* The Rev. J. Penny, of Tarrant Rushton, has some of the fossils.

such rock rests directly on the Belemnitella-Marl, but on the south and west of the county beds of hard smooth whitish or yellowish-chalk come in between the nodular rock and the marl, and it is uncertain to which division these beds belong.

Above the Melbourn Rock there is a rough nodular yellowish-white chalk, in which *Inoceramus mytiloides* and *Rhynchonella Cuvieri* are common. This passes up into smoother and softer chalk, in which the small brachiopod *Terebratulina gracilis* is abundant. Hence the Middle Chalk is generally divided into the two zones of *Rhynchonella Cuvieri* and *Terebratulina gracilis*. Sometimes the highest beds and the Chalk-rock are grouped together as the zone of *Holaster planus* and, classed in the Middle chalk, c.f. "Barrois Recherches sur la Terre. Crétacée."

Flints of a pale-grey colour sometimes occur in the *Terebratulina gracilis* zone, but are not everywhere present.

The Upper Chalk.—This division extends from the Chalk-rock to the summit of the formation and is sub-divided into several zones, which are characterised by the occurrence of certain fossils. These zones in descending order are:—

5. Zone of *Belemnitella mucronata*
4. " of *Belemnitella quadrata*
3. " of *Marsupites*
2. " of *Micraster cor-anguinum*
1. " of *Micraster cor-testudinarum*

The Chalk-rock, which we here regard as the base of the Upper Chalk, is a hard chalky limestone splitting up into angular lumps, which are generally so hard as to make good road material, for they are not broken up by frost. Green-coated nodules sometimes occur in layers, or scattered through the rock; *Holaster planus*, *Micraster cor-bovis*, *Spondylus spinosus*, and *Terebratula carnea* are the commonest fossils. Sometimes there are two beds of hard rock with lumpy nodular-chalk between. The zone of *M. cor-testudinarum* consists in the lower part of rough nodular chalk with scattered nodules of grey or black-flint, solid throughout; the higher part is firm white chalk with frequent layers of flint, most of which are very rough and enclose hollow spaces with traces of sponge structure, *Doryderma ramosum*. This zone is generally from 70 to 80 feet thick.

The zone of *Micraster cor-anguinum* consists of firm white-chalk with many layers of flint nodules, some of which are black throughout; others have a milky-white band in the flint, while the higher part of the zone has flints with thick white rinds. *Inoceramus involutus* and *Micraster cor-anguinum* are the prevalent fossils; the thickness is probably 200 feet or more.

The zone of *Marsupites* consists of very fine even-grained white-chalk, brittle and splitting easily in any direction. Flints are generally rare and sometimes absent; fossils are also rare, but in some places the detached plates of *Marsupites* are not uncommon. This zone has been recognised in the Stour Valley, near Spettisbury and Thorncombe, also at Winterbourne Whitechurch, on the cliffs of Ballard Down, Swanage, near Whitenose, and at Bradford Peverell, near Dorchester. The zone is probably about 120 feet thick or more.

The zone of *Belemnitella quadrata* also consists of even-gained white-chalk, but has layers of flint nodules at distances of 4 to 8 feet apart, and the flints have generally a thick white rind. This chalk is practically unfossiliferous in most parts of the county. It may be 200 feet thick.

The zone of *Belemnitella mucronata* is well developed in Dorset. It is exposed in quarries on both sides of the Stour near Sturminster Marshall, and the western part of the Tertiary basin, it borders Bere Regis,

Piddletown, Tolpuddle, Dorchester, Wool, and Corfe Castle, also at the Foreland, and on the north of Swanage. On the north side of this basin there is at least 200 feet of chalk containing *Bel. mucronata*; firm white chalk with layers of rather small flints, yellow-coated and black inside.

From the above account it follows that the thickness of the Upper Chalk in Dorset is at least 800 feet.

TERTIARY.

Towards the close of the Cretaceous period there appears to have been a general upheaval of Western Europe, which caused a considerable break without any trace of continuity of strata in these islands, no passage-beds such as those of Belgium and Denmark. Deep sea conditions were succeeded by lacustrine, fluvial, estuarine, and marine. The Cretaceous fauna, which was utterly annihilated, was succeeded by another adapted for shallow-seas and lakes. The numerous gigantic Mesozoic Reptiles disappeared, Teleostean fish predominated over the previous prevailing ganoid fish, and a fauna comprising 584 genera and 22,723 species become extinct. The history of the change is lost, but the character of the new fauna approaches the existing types.

LOWER EOCENE.

The Thanet Beds are purely marine, having a very limited area exposed in East Kent at Berne Bay, Pegnell Bay, in the neighbourhood of Croydon, in railway cuttings about Swanley, St. Mary's, Croydon, on the London and Chatham and Dover Railway, and Reading. They are absent in Dorsetshire. Some green-coated flints at the base of the Woolwich and Reading Beds at Rempstone, Studland, and Pamphill, near Wimborne, were thought to belong to the Thanet Beds, but this has been proved to be erroneous.

WOOLWICH AND READING BEDS.

The Woolwich and Reading Beds, the former fluvial and marine, the latter freshwater, form the base of the Eocene in Dorsetshire with the possible exception of the two outliers at Blackdown and Bincombe, which Mr. Starkie Gardner says are London Clay deposits. They crop out in Studland Bay, and on the north-side of the chalk-range at Corfe Castle, East Lulworth, Coombe Keynes, Rye Hill, Bere Regis, and Bloxworth.

The Flora of the Reading Beds differs considerably from that of the Woolwich Beds. Exquisitely preserved specimens have been found just under the mottled clays at Reading, comprising Ferns, Taxodium, Pine, Poplar, &c. Plants from the Woolwich Beds are best known from Dulwich, Croydon, and Coldham Common, near Winchester. The Woolwich and Reading Beds are beds exposed at Creadle, near Cranborne, with *Ostrca Bellovacina*. Blocks of indurated sandstone similar in texture to the Sarsen Stone of our downs may be seen *in situ* at Coombe Keynes and Broadmayne. The junction of these beds with the London Clay is usually indicated by a band of flint-pebbles—the basement bed of Professor Prestwich.

LONDON CLAY.

The London Clay, which is a marine formation, consists of ferruginous sandy-clays, with nodular concretions of limestone known as Septaria. The fauna indicates a tropical rather than a temperate climate. Its greatest breadth in this country is between Holt and Woodcuts—about four miles.

It intervenes between the Woolwich and Reading Beds and the Bagshot series through its whole extension from Fordingbridge and West Stafford. The beds dip northward, but they lie in a syncline. Occasionally the London Clay is very fossiliferous, but as fossils only occur in isolated groups they are not easily met with.

MIDDLE EOCENE.

LOWER BAGSHOT BEDS.

This series consists of thick beds of sands and clays, yielding an almost tropical flora, and were probably derived from the wear and denudation of old crystalline rocks; they are well developed on the eastern side of the county and occupy the larger portion of the Poole Basin. The flow of the Eocene river must have been from west to east, as the grains and grits are larger and coarser at Poole and Studland than they are in the Isle of Wight.

Various coloured sands and clays belonging to the series are seen on the cliffs from Poole Harbour to the north of Bournemouth. Mr. Starkie Gardner draws a line between the Lower and Middle Bagshots at the pipe-clays of Corfe Castle and Studland and the sandy clay-beds of Alum Bay, on account of the difference between the two floras, the former characterised by the greater thickness of the beds, the purer character of the clay, and often deeply stained sands, the latter by the sandy clay-beds.

The land subsequently underwent a gradual subsidence by which the sea gained the ascendancy. Mr. Starkie Gardner says * "In the Bournemouth Beds we have deposits of the same river, but in a more open and level valley and in closer proximity to the sea. We have no evidence of the presence of marine conditions in any of the lower beds; but when we have it in the higher beds to the east it is because the land had gradually sank below the sea-level." A rich and luxuriant flora is preserved in the pipe-clays of Corfe Castle and Studland, which Mr. Starkie Gardner describes as the most marvellous Tertiary Flora that earth has or ever can be expected to yield, &c. Large fan and pinnate-leaved Palms, Ferns, Acer, Aralia, Comptonia, and other Protaceæ, Podocarpus, Acacia-pods. The presence of Eucalyptus and other Australian types suggests the probability that their distribution was a wide one before climatal and seasonal changes had altered the phases of plant-life as seen at the present day.

Mr. Starkie Gardner says that the flora of the Lower Bagshots is the first we find definitely represented on the Continent, its counterpart occurring in the Grès du Soissonais of the Paris Basin, but this being a coarse grit, the plants are badly preserved. A fine series might have been secured fifty years ago from the pipe-clays of Corfe Castle; when they were in great abundance, beauty, and preservation; no one then took the trouble to collect them; the opportunity was unfortunately lost, and there is little hope of falling in with a similar plant-bearing bed. Patches of light-clay, containing leaves enclosed with a band of sand four feet thick in some dark-clays occur between Poole Harbour and Boatman's Chine.

The Pipe Clays of Studland differ from those of Alum Bay, for although the Dictyledons are the same (they are less in number), and both yield Palms; the leaves of the Studland Beds are mixed up with Ferns, Insect Wings, and Shells indicating a near proximity to land. Leaves in good

* Gardner, *Pro. Geol. Asso.*, Vol. VI., p. 75.

preservation are found in the clay-pits of Branksea Island of this age, but no record of them is preserved. Studland is the only place where there will be any chance of obtaining specimens of this Lower Bagshot Flora in future, and this with much difficulty as the clays are twisted, compressed, and covered with grass.

MIDDLE BAGSHOT BEDS.

This series includes the Bracklesham with the Bournemouth Beds. There is a thorough break between the floras of the Lower and Middle Bagshots, both are dissimilar with scarcely a connecting link. The clays instead of being pure white are buff-coloured in dark laminated clays with beds of grey-sand. The leaf-bearing beds occur in the cliffs about a quarter of a mile in length near Poole Harbour, and west and east of the Bournemouth Pier. The leaves and fruits from the two localities differ from each other; those on the western or Poole side probably grew on more elevated ground. The leaves are principally of dicotyledonous forest trees. The beds adjoining the Bournemouth Pier abound in Palms, Ferns, &c. Approaching from the west, leaf-bed after leaf-bed rises composed of clay, some separated by coarse quartz-grit, each characterised by leaves more or less peculiar to itself, comprising pinnate-leaved *Palm*, *Myrica*, *Gleichenia*, *Godoya*, *Fern*, and *Ficus*, pinnae of *Osmunda lignitum*, Cactus spines, and branchlets of a Sequoia-like conifer. Beyond the Pier a bed contains *Ferns*, *Aroid*, *Fan-Palms*, and an *Eucalyptus*. The last freshwater beds contain forms of *Ferns*, and *Rush* indicating swamps. In the Marine Beds are found numerous fruits, seeds, fragments of *Conifers*, *Palms*, &c. Mr. Starkie Gardner says "It is of great interest to trace through these beds the changes from a comparatively upland to a valley flora, and then to a swamp-flora, to follow out the lowering of the land until it was covered with the sea; to trace the sea first trickling in as it were and then forming lagoons, overwhelming the mud-deposits formed by these lagoons, with shingle and sand; to realise in fact the actual shore-line now marked by river-deposits full of plant-remains on one side and of sea-fauna on the other."

The Bracklesham Beds are only represented in Dorsetshire by the Bournemouth Marine series. The Boscombe Sands, Hengist Bay Head Beds, Upper Bracklesham Sands, and Burton Beds are absent as well as the Upper Bagshot Beds and Upper Eocene (Oligocene).

PLIOCENE.

Two molars of *Elephas meridionalis* from Dewlish in the Blackmore collection of the Salisbury Museum were observed by the Rev. Osmond Fisher* a few years ago, who made a close examination of the bed in which the molars had been found more than fifty years ago. Mr. Fisher and I recovered portions of at least three Elephants (*Elephas meridionalis*) near the summit of a steep cliff, on the east-side of the Dewlish valley, in a bed of flint-gravel and the finest sand. At first it was thought to be a high-level gravel-bed, but the result of the examination proved it to be a torrential deposit in a Chalk-fissure. Unfortunately the remains were only within a few feet of the surface, and

* O. Fisher, Quarterly Journal of the Geological Society, Vol. XLIV., p. 818, 1888. Mansel-Pleydell, Proc. Dors. Nat. Hist. and Antiq. Field Club, Vol. X., p. 1., and Vol. XIV., p. 139.

exposed to the destructive effects of atmospheric agencies, which had obliterated every trace of organic structure except the huge limbs, molars, and tusks.

During its deposition there are evidence of changes from conditions of great tranquillity to torrential. The size of the flints and accompanying debris show that the upper portions in which the Elephant-remains lay were deposited when the stream or flood passed over with the greatest force.

Professor Prestwich, in a paper upon the relation of the ~~Wiltshire~~ ^{Wiltshire} Beds to some in Norfolk, referring to the discovery of the remains of *Elephas meridionalis* at Dewlish, says that the high level fossiliferous drift at Portland containing debris derived from the Tertiary and Cretaceous Strata of the north of Weymouth may possibly belong to the same age. Its great antiquity would accord with the enormous denudation of the district since the deposition of the high-level gravel (probably of glacial date), which led to the formation of the valley between Upwey and Portland, which is six miles broad and from 400 to 500 feet deep.

PLEISTOCENE.

RAISED BEACH, PORTLAND.

This Beach extends about a quarter-of-a-mile along the east-side of the Bill and about 40 yards inland, passing under a covering of rubble-sand-loam and rock-debris. Its height is 24 feet above the present beach at the Bill. Shells abound near the "Sand-Hills," consisting mostly of *Littorina*, *Patella*, *Purpura*, *Ostrea*, and *Mytilus*. The sand in which they are imbedded is rich in small species. All are littoral and now living in the neighbourhood; among them is *Cyanium minutum*, a rare shell in the South of England but common in the North. On the East-cliff the pebbles are often cemented together by carbonate of lime into a compact conglomerate.

The beach is composed of chalk-flints and some flints from the Portland-rock; also chert from the Upper Greensand, Tertiary sandstones, New Red Sandstones, Micaceous sandstones, and Granite. The loess which accompanies the rubble-drift and sand contains freshwater-shells and fragments of the Middle and Lower Purbecks, neither of which are now in situ in the island. At Chesilton there is a rubble-bed 400 feet above sea-level and about 60 feet thick with large angular blocks of Portland Stone and Portland flint several tons in weight. Professor Prestwich shows that there are few districts in England where traces of rubble are not to be found, following the slopes of the hills inland, with land-shells and remains of animals. There is a bed of gravel and brick-earth at Encombe, which has no connection with any river or valley, and probably belongs to the rubble drifts. It is 240 feet above the sea-level and half-a-mile from the sea. It yielded the remains of Mammoth, *Rhinoceros tichorhinus*, *Cervus tarandus*, *Equus*, and *Bos*.

At Lulworth Cove and Arish Mill there are local drift-deposits belonging to this rubble-series, both of which descend to sea-level. The raised beaches are connected with the plateau-gravel, which in Hampshire and on the northern side of the Poole Basin show from the portions preserved that they originally covered a wide tableland.

The beaches of White-Nose, Weymouth, and between Studland and South Haven, are probably derived from the old flint-gravels which capped the coast-line, and comparatively few are derived from the destruction of the neighbouring chalk-cliffs.

Remains of an ancient sea-beach overspread at intervals the bed of the Weymouth Backwater. The pebbles are chiefly calcareous and a few flint, derived apparently from local material.

GRAVELS AND DRIFTS.

The plateau-gravels have already been referred to in the "Raised Beach" section. They were spread over the sea-bottom during its continuous but gradual rise, and formed the original table-land which was pared down by atmospheric and other agencies until the scooping out of the valleys commenced and the table-land reduced to the altitude of our escarpments and hill-ridges.

South of the Verne, Portland, and about 400 feet above sea-level was a mammaliferous drift in a trough of the Purbecks and Portland Beds. It has since been worked out. It was only 50 or 60 yards wide and extended from 200 to 300 yards. The deposits consisted of red-loam, mixed with angular pieces of these two formations, with blocks of Tertiary Sarsen Stone, underlaid by a layer of water-worn rounded polished pebbles with a few quartz-pebbles, and containing Mammoth, *Elephas antiquus*, Horse 2 gen. (?) Stag and Boar. The red-loam extended nearly a mile in the direction of the Verne, attaining an altitude of 500 feet.

At Blackdown there is a very old gravel, older probably than the Portland mammaliferous drift. It is composed of local Tertiary materials, and is from 10 to 15 feet thick. High level gravels occur at Osmington Mill and between Preston and Osmington 300 feet above sea-level.

The chalk-range north of Weymouth is destitute of drift, but the intermediate tract is sprinkled with drift-beds of doubtful origin.

The river-gravels occur in patches at all levels from 100 feet above the neighbouring stream and before it had cut its way through to its present level. The oldest contains mammalia of which many are extinct.

There is a remarkable flint-gravel-bed at Bucknowle, near Corfe Castle, probably of great antiquity. It includes a quantity of blocks of quartz-sandstone and a few palæozoic pebbles.

CLAY WITH FLINTS.

This deposit is a reddish or yellowish clay full of unworn flints, its red hue is due to oxide of iron; it lies irregularly on the higher portions and ridges of the table-lands of the Upper Chalk; the base usually consists of a few inches of black-clay with black-coated flints. The carbonic acid of the surface-water acting upon the exposed surface of the Chalk, removes in solution the calcareous portions, while the insoluble matter, such as flints, iron, and silicate of Alumina, remains behind. There are few more striking instances of the solvent power of surface-water than this one which is so common on our chalk-hills.

The flints, which preserve their original shapes and forms, with edges as sharply defined as when they fell out of their original matrix, show that they have not been removed any distance from where they have been found.

It must be admitted that much of the clayey matter may have been derived from waste of the Reading Beds which once spread far over the Chalk, for both processes, the solution of the Chalk and the embodiment of the over-lying deposit in the resulting soil would go on together.

The Clay with Flints is occasionally accompanied with loam and pebbles of flint and quartz from the Tertiary Beds. The depth of the Clay with Flints is due to the varying energy of the solvent factor.

The formation of Clay with Flints has always been going on wherever the Chalk was largely exposed to atmospheric action, or to the percolation of surface-waters beneath their caps of Tertiary Beds, and it may still be forming now.

On a ridge of the Upper Chalk at Bagber, in the Parish of Milton Abbas, there is an overlying bed of Brick-earth, which was used in Romano-British times for the manufacture of pottery, and which appears to have supplied the neighbourhood around with domestic and funereal wares. A similar bed occurs in Park Wood, in the Parish of Houghton, from which bricks were made; the-kiln has recently been abandoned on account of the failure of the clay. Not far distant, and on the same horizon, there is a bed of sand; these are remnants of overlying Tertiary Beds.

SARSEN STONES.

The Sarsen Stones which once covered our downs and heaths before they were removed, or broken up as impediments to cultivation are concretions by the filtering action of water through a bed of quartzose sand, not usually in a continuous solid mass but in detached blocks, while the rest of the sands remained unconsolidated, sometimes used as cromlechs, standing stones, ancient circles, *e.g.*, Stonehenge, now are used to protect the corners of village-streets and highways, and occasionally for building stones.

CHESIL BANK.

This remarkable bank of shingle is composed of chalk-flints, chert, quartzites (from the Budleigh Salterton pebble-bed), quartz, porphery, &c., extends from Portland to Burton Bradstock. It is 200 yards wide and 42 yards high at Portland; 170 yards wide and 22 yards high at Burton, and separated from the mainland by the Fleet estuary, from the Ferry-bridge to Abbotsbury, due probably to the absence of high-land or cliff, and by the diversion of the drainage from its direct course by the eastward trend of the coast, aided by tidal influx and reflux.

NATURAL PITS.*

The heaths of Affpuddle and Puddletown Heath are here and there pitted with circular gravel-shaped depressions resembling the surface sands of the upper-cone of an hour-glass soon after they have begun to pass into the lower-cone. They vary from 60 to 80 yards in circumference and are only where the underlying-chalk is covered by a thin bed of sand (Bagshot). By the percolation of the rain-water containing carbonic acid through the sands, the chalk is dissolved, and conveyed with the water through the cracks and fissures of the rock, which become widened and deepened in course of time, each calcareous atom being replaced by grains of the superincumbent sand. Professor Prestwich considers that the old Tertiary sand-pipes may have determined the formation of some of these pits.

* O. Fisher, Q.J.G.S., 1859, p. 187.

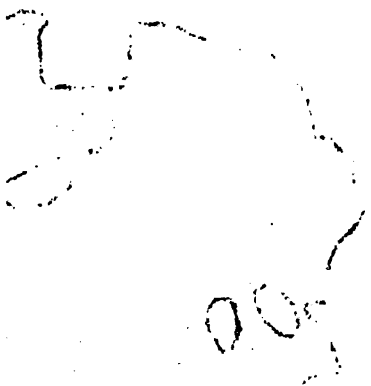
TUFA.

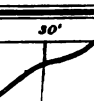
A tufaceous bed at Blashenwell, south of Corfe Castle, is the last, but not the least important Pleistocene bed to be noticed. It is 8 feet thick on the left side of the road below the farmhouse, and merges into a bed of marl and loam 6 feet thick and of gravelly clay of undetermined thickness. In a quarry a little to the east the tufa rests upon a bed of clay (Weald).

tu There must have been a human settlement in its immediate neighbourhood during its formation of the tufa-bed. Flint-chips, charcoal, marine-edible-shells brought from the sea-shore (which is two miles distant), remains of deer and ox, &c. ; but no kind of pottery nor worked implement. Until further evidence the question must remain unsettled. Mr. Clement Reid, of the Government Survey, who is now (1894) examining the superficial deposits of the neighbourhood, will, without doubt, obtain the needed "further evidence," and decide whether Palæolithic or Neolithic men selected this part of Purbeck as their temporary occupation.

In addition to the animal remains, and evidences of man's occupation in this tufa-bed plant-remains are locally abundant, including Oak, Elm, Sphagnum ; further search may add the Beech to the number, as the Beech-feeding *Clausilia laminata* occurs in the deposit.







THE FLORA OF DORSETSHIRE.

PHANEROGAMIA.

DICOTYLEDONES.

THALAMIFLORE.

RANUNCULACÆ, *Juss.*

CLEMATIS, *Linn.*

1. **C. Vitalba**, *Linn.* *Traveller's Joy*. (*Old Man's Beard*, *Dors.*)
First record, Pulteney, 1799.
Native; thickets and hedges; common on calcareous, but absent on the clay soils. Sh. June—September.
 - A. Lyme Regis; Puncknoll; Poorstock; Bexington; Charmouth.
 - B. Bradford Abbas, *Prof. Buckman*; Chetnole; Batcombe; Ryme, *W. M. Rogers*; lane above Ailey Well, Melbury.
 - C. Park Mead, Wyke Regis, *W. B. Barrett*; the Weirs, Portland.
 - D. Piddlehinton; Shitterton, Bere Regis; Bryant's Piddle.
 - E. Buckhorn Weston; Stroud, Gillingham, *W. Galpin*; Stourton Caundle; Honeycomb Wood; Woolland.
 - F. Very common throughout this district.
 - G. Gad Cliff, Kimmeridge; Woody Hyde; Flower's Barrow; Langton Matravers; Ulwell, Swanage; Corfe Castle. Devon, Hants, Somerset, Wilts, Normandy.

THALICTRUM, *Linn.*

2. **T. flavum**, *Linn.* *Common Meadow Rue*.
First record, Pulteney, 1813.
Native; banks of rivers, sides of ditches; common. P. June—July.
 - B. Bradford Abbas, *Prof. Buckman*.
 - C. Meadows, on the banks of the river between Upwey and Broadwey, *W. B. Barrett*; river Frome, Dorchester; Cerne.
 - D. Riverbank near the Railway Station, Wareham; Chamberlayne's, Bere Regis.

- E. King's Mill ; Hanford ; Glanville's Wootton.
 - F. Shapwick ; Spettisbury, *Dr. Pulteney* ; Sturminster Marshall ;
Verwood, *W. M. Rogers* ; Durweston.
 - G. Stoborough Meadows, Wareham ; South Haven.
- Var. *g. riparium*, *Jord.* Bor. Fl. du centre de France—p. 5.
Journ. of Botany, 1884.
- C. Near Winterborne Came, *W. B. Barrett.*
Devon, Hants, Somerset, Wilts, Normandy.

ANEMONE, *Linn.*

- 3. **A. nemorosa**, *Linn.* *Wood Anemone.*
First record, Bell Salter, 1839.
Native ; woods, hedges, and fields ; common. P. February
—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- 4. [**A. apennina**, *Linn.* *Blue Mountain Anemone.*
First record, Flora of Dorset, 1891.
Native ? woods ; rare. P. March—April.
- G. Langton Matravers Wood, *L. Lester.* "The place where the
plant was found makes it impossible that it should have
escaped from any garden. March 26th, 1889." L. L.]

ADONIS, *Linn.*

- 5. **A. autumnalis**, *Linn.* *Pheasant's Eye.*
First record, Pulteney, 1799.
Alien ; cornfields ; rare. A. May—September.
- C. Portland, abundant in cultivated ground.
- E. Between Stoke Wake and Ansty, *W. M. Rogers.*
- F. Occasionally in cornfields in the neighbourhood of Blandford,
in a field opposite the first milestone on the Dorchester
road ; Stourpaine field ; on the borders of Camp Down,
Dr. Pulteney ; Tarrant Keynston, abundant, *F. W. Galpin.*
- G. Cornfield between St. Alban's Head and Seacombe, *W. Borrer* ;
Worth, on the right hand side of the road leading to
Langton Matravers, *L. Lester* ; Winspit.
Hants, Wilts, Normandy.

MYOSURUS, *Linn.*

- 6. **M. minimus**, *Linn.* *Mouse-tail.*
First record, Pulteney, 1799.

Native ; gravelly and sandy cornfields, moist places which have been inundated the previous winter ; not common.
A. April—June.

- C. East Lulworth, *W. Kendall* ; cornfield between the turnpike road and Lodmoor, *W. B. Barrett* ; cornfield near the Gas Works, Weymouth ; Buxton-lane, Wyke Regis.
- D. Roadside between Bere Begis and Blandford, *E. Fox*.
- F. Langton Fields near Blandford, *Dr. Pulteney* ; Parkstone, *Bell Salter* ; Ensbury, *J. H. Austen* ; Kinson, *H. Roberts*.
- G. Cornfield between Stoborough and Holme ; cornfield, Arne. Hants, Somerset, Wilts, Normandy.

RANUNCULUS, *Linn.*

The aquatic forms of this genus are numerous, and, although they spring originally from one common type, have not acquired the character of true species, but as each presents a facies so distinctly persistent our English botanists have separated them into fourteen species. As some of these forms have more the character of varieties rather than species the number will probably be ultimately reduced.

7. *R. Baudotii*, *Godr.* *Baudot's Water Crowfoot.*

First record, Mansel-Pleydell, 1874.

Native ; ponds and ditches, in brackish water ; rare. P. May—September.

- A. West Bexington, near the beach.
- C. The Fleet, Abbotsbury.
- G. Little Sea, Studland.

Var. *β. confusus*. *R. confusus*, *Godr.* Ponds and ditches, fresh water.

- A. Pond in a pasture east side of Bridport Harbour.
- C. Moreton Heath, stream on the roadside near East Burton Gate ; Lodmoor, near Weymouth.
- F. Manaton, near Holt.
- G. Povington Heath ; watercourse below Redcliff, Wareham ; pond, Studland Village, west of the Rectory. Devon, Hants, Somerset.

8. *R. peltatus*, *Fries.* *Peltate-leaved Water Crowfoot.*

First record, Mansel-Pleydell, 1874.

Native ; ponds and ditches ; frequent. P. April—August.

- B. Ditches on the Leigh and Chetnole road ; Ryme, *W. M. Rogers*.
- C. Roadside, Moreton Heath, near East Burton Gate ; East Stoke.

- E. Lydlinch Common ; Bagbere-lane, near Sturminster Newton ; Melcombe Park ; roadside between Okeford Fitzpaine and Fiddleford ; Grange Wood, Middlemarsh.
- F. Pond, west of Winterbourne Kingston ; Leigh Common, Wimborne.
- G. Luckford Lake between Holme and Wool. Devon, Hants.

Var. β . *R. floribundus*, *Bab.*

First record, Mansel-Pleydell, 1874.

- A. Pond, Wootton Fitzpaine.
- D. Ditches between Piddletown and Druce ; pond, Milborne St. Andrew, south side ; Morden Mill.
- E. Stalbridge, *Mrs. Allen* ; Bishop's Down, Longburton, *F. W. Galpin*.
- F. Winterbourne Kingston ; Winterbourne Zelstone.
- G. Luckford Lake between Holme and Wool. Devon, Hants, Somerset, Wilts, Normandy.

Var. γ . *R. penicillatus*, *Hiern* ; *R. peltatus*, β . *Sm.* ; *R. pseudo-fuitans*, *Syme*.

First record, Mansel-Pleydell, 1874.

- C. Ailey Well, near Melbury, with small collapsing leaves, *W. M. Rogers* ; river Frome, Dorchester ; Frampton ; Woolbridge ; river Wey, Upwey.
- D. River, Chamberlayne's, Bere Regis ; Druce ; Roke pond, Bere Regis ; Morden Park Lake ; river course at the foot of Basin-hill, Dewlish.
- E. River, Sturminster Newton ; Hanford.
- F. River from Blandford to the confines of the county at Parley ; Winterbourne Zelstone ; Almer.
- G. River Frome, East Stoke. Devon, Hants, Somerset, Wilts, Normandy.

9. *R. heterophyllus*, *Fries*. *Different-leaved Water Crowfoot*.
First record, Mansel-Pleydell, 1874.

Native ; ponds, streams, ditches ; common. May—August.

- B. Chetnole, *W. M. Rogers*.
- D. Stream, Milborne St. Andrew ; pond, near the Industrial School ; Milton Abbas Lake.
- E. Pond, bride path between Okeford Fitzpaine and Piddle Wood, Sturminster Newton ; Grange Wood, Middlemarsh ; Lydlinch Common.
- F. Winterbourne Kingston, pond on the east side of the road leading to Whitechurch ; Dunbury pond, Houghton ; Winterbourne Zelstone. Devon, Hants, Somerset, Wilts, Normandy.

10. **R. Lenormandi**, *F. Schultz.* *Lenormand's Water Crowfoot.*
 First record, Mansel-Pleydell, 1874.
 Native ; ditches and wet places ; frequent. P. April—
 September. Very common on the moors of District F,
 flowering nearly all the year round.
- A. Monkton Wylde ; Bridport.
 C. Knighton ; Broadmayne, *W. B. Barrett* ; Hook Park ; stream,
 Moreton Heath, near Burton Gate ; Warmwell Heath.
 D. Chamberlayne's, Bere Regis ; Morden Mills ; Morden Park ;
 Sherford Bridge ; Briant's Piddle, north side.
 E. Wet places, Melcombe Park ; Dedmore, Lydlinch.
 Ditches, Parkstone ; Salterns, Poole, *W. M. Rogers.*
 F. Hamworthy Junction ; Leigh Common, Wimborne ; pond,
 roadside, third milestone on the Poole and Ringwood
 main road ; Pond Lodge, High Hall ; West Ham ; St.
 Leonard's Bridge.
 G. Little Sea, Studland ; Povington Heath ; Norden Claypits.
 Devon, Hants, Somerset, Wilts, Normandy.
11. **R. hederaceus**, *Linn.* *Ivy-leaved Water Crowfoot.*
 First record, Pulteney, 1813.
 Native ; muddy places, marshes, and sides of ponds ; common.
 P. March—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
12. **R. Drouetii**, *F. Schultz.* *Drouet's Water Crowfoot.*
 First record, Mansel-Pleydell, 1874.
 Native ; ponds ; rare. P. May—August.
- A. Ditches, West Bexington.
 C. Moreton Heath, stream near Burton Gate ; West Lulworth.
 F. Dunbury Pond, Houghton ; Winterbourne Kingston, between
 the village and Whitechurch.
 G. Pond, Smedmore ; Clavell's Hard, Kimmeridge ; Round down,
 Swanage.
 Devon, Hants, Wilts, Normandy.
13. **R. circinatus**, *Sibth.* *Fun-leaved Water Crowfoot.*
 First record, Mansel-Pleydell, 1874.
 Native ; rivers and streams ; not common. P. June—
 August.
- A. Marsh beyond East Cliff, Burton Bradstock, *W. Fawcett.*
 E. Holwell.
 F. River Stour, Durweston ; Spettisbury ; Parley ; river Allen,
 High Hall.

- G. River Frome, Warcham, and East Stoke, watercourse,
Stoborough Meadows.
Devon, Hants, Somerset, Wilts, Normandy.
14. *R. tripartitus*, *D.C.* *Three-lobed Water Crowfoot.*
First record, W. Borrer, M.S., 1856.
Native ; shallow ditches ; rare. B. May—September.
G. Shore, Studland, *W. Borrer.*
- Var. β . *R. intermedius*, *Knaf.* *Three-leaved Water Crowfoot.*
First record, Mansell-Pleydell, 1891.
Native ; shallow pools ; rare. P. May—September.
F. West Moors, * *W. M. Rogers.*
Devon, Hants, Normandy.
15. *R. trichophyllus*, *Chaix.* *Hair-leaved Water Crowfoot.*
First record, Mansel-Pleydell, 1874.
Native ; ponds and ditches ; rare. P. May—August.
- A. Marsh beyond East Cliff, Burton Bradstock, *F. Fawcett* ;
Undercliff, Lyme Regis ; West Bexington Beach.
- C. Portland ; Lodmoor, near Weymouth.
- D. Wareham, watercourse between the town and the Railway
Station ; pond near the Industrial School Barn.
- E. Pond, Fontmell Magna.
- F. Pond, Badbury Rings, *R. P. Murray* ; Almer ; Winterbourne
Kingston ; Winterbourne Whitechurch ; High Hall.
- G. Pond, Kimmeridge ; Studland Heath ; Chapman's Pool ;
watercourse, Stoborough, Wareham.
Hants, Somerset, Wilts, Normandy.
16. *R. Flammula*, *Linn.* *Lesser Spearwort.*
First record, Bell Salter, 1839.
Native ; wet places ; very common. May—October.
Generally distributed.
- Var. β . *pseudo-reptans*, *Syme*, is merely a weak prostrate form
rooting at the nodes. It is not uncommon in the heath
districts and usually in very wet places.
Devon, Hants, Somerset, Wilts, Normandy.

* " This plant grows here in great abundance with *R. Lenormandi* and with what seem intermediate forms ; as I have observed near Herne Railway Station, South Hants. The Bridgerule (Devon) plant was named *R. intermedius* by Prof. Babington. Hooker describes it in ' Students ' Flora ' as having the petals pinkish, and the receptacle slightly hairy. The latter character appears unreliable, and I have found the petals always white and most variable in size, while the sepals are usually blackish purple." *W. M. Rogers.*

17. **R. sceleratus**, *Linn. Celery-leaved Crowfoot.*

First record, Bell Salter, 1839.

Native; muddy ditches and wet places; not common. P. April—October.

B. Shore of Lake, Sherborne Park; Bradford Abbas, *Prof. Buckman.*

C. Langton Herring; shore of the Fleet near the Coastguard Station.

D. Keyworth, near Wareham.

E. Fontmell Magna; Holwell.

F. Shapwick, *W. M. Rogers*; meadow near Lower Manaton, Holt; Pamphill, near Wimborne; salt marsh near the new Railway Station; Salterns, Poole.

G. Moist ground near Little Sea, Studland; Kimmeridge; side of the water carrier; between Slape Heath and the Corfe River; Arne; banks of watercourse, Middle-bere; Redcliff, Wareham.

Devon, Hants, Somerset, Wilts, Normandy.

18. **R. Lingua**, *Linn. Greater Spearwort.*

First record, Pulteney, 1813.

Native; marshy places and ditches; rare. P. June—August.

A. Under Pillesdon Hill, *J. Jones.*

D. Morden Park Lake.

E. Banks of Stour, Hammoon, *A. E. Eaton*; Hinton Parva, *E. Binfield.*

F. Moors River, near St. Leonard's-bridge.

G. Nursery Wood, Langton Matravers, *L. Lester*; watercourse between Stoborough and Arne.

Devon, Hants, Somerset, Wilts, Normandy.

19. **R. auricomus**, *Linn. Wood Crowfoot (Gildilocks, Dors.).*

First record, Pulteney, 1813.

Native; woods and shady banks; frequent. P. April—May.

B. Bradford Abbas, *Prof. Buckman*; Stockwood; Melbury Road; Ryme; Yetminster Road, *W. M. Rogers.*C. Evershot; pastures, Upwey, east of Railway Station, *W. M. Rogers*; Came, *F. H. Galpin.*

D. Grove, Bingham's Melcombe.

E. Buckhorn Weston; Langham, *W. Galpin*; Fifehead Neville; Bagbere Lane between Stalbridge and Sturminster Newton; roadside between Stoke Wake and Mappowder.F. Stickland Lane; Tarrant Crawford, *E. Binfield*; Clenston Wood; High Hall; Beach Wood, Milton Abbas; Sutton Holms; Lee Wood, Whatcombe.

- G. Hyde Wood, Steeple; Grange Wood; near Chapman's Pool, north side, in a marshy open pasture without shelter of copse or hedge.
Devon, Hants, Somerset, Wilts, Normandy.
20. **R. acris**, *Linn. Upright Meadow Crowfoot.*
First record, Bell Salter, 1839.
Native; meadows, pastures, and roadsides; common. P.
May—October.
- Var. *α*. *Boræanus*, *Jord.* Boreau Fl. du centre de France, p. 16.
Rootstock short and oblique; this is the commonest form.
- Var. *β*. *vulgata*, *Jord.* Rootstock perpendicular.
Generally distributed. A less common form than the above.
Devon, Hants, Somerset, Wilts, Normandy.
22. **R. repens**, *Linn. Creeping Crowfoot (Ram's Claws, Dors.).*
First record, Bell Salter, 1839.
Native; wet places, ditches, and woods; common. P.
May—December.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
22. **R. bulbosus**, *Linn. Bulbous Crowfoot.*
First record, Bell Salter, 1839.
Native; meadows and pastures; common. P. April—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
23. **R. sardous**, *Crantz. R. hirsutus, Curt. Hairy Crowfoot.*
First record, Bell Salter, 1839.
Native; damp places, especially in the vicinity of brackish water; occasionally on cultivated ground; rare. A.
May—October.
- C. Upwey, abundant, *W. M. Rogers*; waste places, Highwood, Wool; Lynch; Wyke Regis, near the Fleet.
- F. In the Common north of Parkstone, near Canford Heath; roadside bank, west of Lytchett Minster, *W. M. Rogers*; salt marsh near the new Railway Station, Poole; roadside between Parkstone and Poole Harbour; Salterns, Poole.
- G. Wareham, *R. P. Murray*; cultivated land, Arne; Nordon Claypits; grassy spots, South Eggleston; near the cliff, South-field, Kimmeridge Bay.

Var. *β. parvulus*, Linn.

G. Bogy place, roadside Cold Harbour; on the Wareham and Bere main road.

Devon, Hants, Somerset, Wilts, Normandy.

24. **R. parviflorus**, Linn. *Small-flowered Crowfoot*.

First record, Pulteney, 1799.

Native; pastures, under walls, cliffs; frequent. A. May—July.

A. Stonebarrow Down, Lyme Regis, *H. Fawcett*.

B. Littlebredy, *A. E. Eaton*; Ryme, on the Melbury Road, *W. M. Rogers*.

C. Woolbridge, *E. Fox*; hedge banks, Wyke Regis; Chickerell; Portland; Radipole, *W. B. Barrett*; abundant from Lulworth Cove to Ringstead, *H. Fawcett*.

D. Hedge banks; Rye Hill, Bere Regis; Bere fields, Bere Regis.

F. Cultivated land, in the neighbourhood of Blandford, *Pulteney*; Chescombe.

G. Roadside, Wareham, *R. P. Murray*; Ninebarrow Down, between Swanage and Punfield, *H. Fawcett*; Punfield; grassy places on the shore; under walls, St. Alban's Head. Devon, Hants, Somerset, Wilts, Normandy.

25. **R. arvensis**, Linn. *Corn Crowfoot*.

First record, Bell Salter, 1839.

Colonist; cornfields; not common. A. May—July.

A. North-hill, Bridport, *H. Fawcett*; cultivated ground, north-west of Puncknoll Wood.

B. Bradford Abbas, *Prof. Buckman*; Ryme, *W. M. Rogers*.

C. Cornfields, between Radipole and Weymouth; Wyke Regis; Portland.

E. Stalbridge, *Mrs. Allen*; King's Mill; Donclyffe; Buckhorn Weston; Hanford.

G. Cornfields, Blackminston; Worth Matravers; Kimmeridge Copse and adjoining cornfield; Creech; cornfields between Ulwell and Swanage; sandy banks between Grange and Wareham, near the turning off to Holme; Bradle; Church Knowle.

Devon, Hants, Somerset, Wilts, Normandy.

26. **R. Ficaria**, Linn. *Lesser Celandine Pilewort*.

First record, Bell Salter, 1839.

Native; moist places, woods, hedge-banks; shady places; common. P. February—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CALTHA, *Linn.*27. **C. palustris**, *Linn. Marsh Marigold.*

First record, Pulteney, 1813.

Native; marshy places, sides of rivers; common. P.
March—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

HELLEBORUS, *Linn.*28. **H. viridis**, *Linn. Green Hellebore.*

First record, Pulteney, 1799.

Native; hedges and thickets; rare. P. February—April.

A. Chapel Copse, Gorwell.

C. Rampisham, *Miss Rooke.*E. Orchard, Buckhorn Weston, *Hughes D'Aguilar*; Ibberton,
east side of church.F. Tollard Royal Wood, and in other parts of the Chace,
Pulteney; Ibberton, near the church, *W. M. Rogers*; wood,
near The Down House, *W. Chambers*; lane, near Iwerne
Minster, *R. P. Murray*; Lee Wood, Whatcombe; High
Hall, near the East Lodge.

Devon, Hants, Somerset, Wilts, Normandy.

29. **H. fœtidus**, *Linn. Stinking Hellebore.*

First record, Mansel-Pleydell, 1874.

Native; chalky shady places; rare. P. March—April.

F. Waste ground, Rushton, *W. Chambers*; Chace Wood, near
Rushmore.

Hants, Wilts, Normandy.

AQUILEGIA, *Linn.*30. **A. vulgaris**, *Linn. Common Columbine.*

First record, Pulteney, 1813.

Native; woods and thickets; not common. P. May—July.

A. Fern Mill, near Charmouth, *W. M. Rogers*; Poorstock
Common, *E. Fox.*

B. Melbury Wood.

C. Maiden Newton, east side, *W. M. Rogers.*E. Stalbridge, *Mrs. Allen*; near the Tunnel Head, Buckhorn
Weston, *Miss D'Aeth.*F. Clenston Wood; Milton Abbey Woods, *E. Binfield*; Dairy
copse, High Hall; Houghton Wood.G. Nurzery Wood, Langton Matravers, *L. Lester*; Talbot's Wood,
J. H. Austen; Ninebarrow Down, on the descent to Studland.

Devon, Hants, Somerset, Wilts, Normandy.

DELPHINIUM, Linn.

31. [*D. *Ajacis*, Reich. *Branching Larkspur*.
First record, Pulteney, 1813.
Casual and fugitive; cornfields; very rare. A. June—
July.
F. Cornfields in the neighbourhood of Blandford, *Pulteney*.
G. Cornfield, Church Knowle, *O. L. Mansel*.
Introduced probably with seed corn.
Hants, Wilts, Normandy.]

ACONITUM, Linn.

32. A. *Napellus*, Linn. *Common Monkshood*.
First record, Mansel-Pleydell, 1874.
Denizen; copses and river banks; rare. P. May—July.
A. Mangerton, *E. Fox*; riverside, Poorstock; damp copse, south
of Litton Cheney, on the Abbotsbury Road.
B. Ryme, *Hon. J. Fox Strangways*; Whistle Bridge,
Bradford Abbas, *Prof. Buckman*; river-banks, Melbury
Osmond.
D. Grove, Bingham's Melcombe.
E. Hermitage, *J. C. Dale*.
F. Dairy copse, High Hall.
Hants, Somerset, Wilts, Normandy.

BERBERIDEÆ, Vent.**BERBERIS, Linn.**

33. B. *vulgaris*, Linn. *Common Barberry*.
First record, Pulteney, 1799.
Denizen; hedges and thickets; rare. Sh. April—
June.
A. Near the river at Loders, *Pulteney*; Foxholes, Little Bredy,
A. E. Eaton.
B. Sherborne, apparently naturalised, *Prof. Buckman*; Ryme,
W. M. Rogers.
C. Near the Church, Came, *J. W. White*.
D. Bingham's Melcombe, *C. W. Bingham*.
F. Lanes about Hod and Hambledon, *Pulteney*; plentiful in a
lane between Pimperne and Stourpaine, *R. P. Murray*;
banks of the Stour, Spettisbury.
Devon, Hants, Somerset, Wilts, Normandy.

NYMPHÆACEÆ, D.C.

34. *N. alba*, Linn. *Water Lily (Clot or Clote, Dors.)*.
 First record, Pulteney, 1799.
 Native; rivers, watercourses, ponds; frequent. P. June—July.
- A. Lake, Wootton Fitzpaine.
 D. Morden Park Lake, most abundant.
- F. In considerable quantities between Blandford and Durweston, distributed in the Stour from Sturminster to Christchurch, *Pulteney*; several places in its affluent, the Liddon; in the Stour at King's Mill.
- G. Watercourses, Stoborough and Redcliff, near Wareham. Devon, Hants, Wilts, Normandy.

NUPHAR, Linn.

35. *N. lutea*, Sm. *Yellow Water Lily*.
 First record, Bell Salter, 1839.
 Native; slow streams; common. P. May—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

PAPAVERACEÆ, D.C.

PAPAVER, Linn.

36. *P. somniferum*, Linn. *Garden Poppy (Opium Poppy)*.
 First record, Mansel-Pleydell, 1874.
 Alien; neighbourhood of the sea; rare. A. June—July.
- Var. *α*. *P. hortense*, *Hussenet*. *P. nigrum*, D.C.
 C. Holworth Cliff; White Nose.
- Var. *β*. *P. officinale*, *Gmel.*
 C. Cultivated field between Arish Mill and West Lulworth; cliffs, Mewps Bay.
 G. Near Swanage, *W. M. Rogers*.
 Devon, Hants, Wilts, Normandy.
37. *P. Rhæas*, Linn. *Common Red Poppy*.
 First record, Bell Salter, 1839.
 Colonist; cornfields; common. A. May—September.
 Generally distributed.
- Var. *β*. *P. strigosum*, *Boenn.*
 A. West Bexington, Abbotsbury.

- C. West Lulworth Churchyard.
- D. Keyworth, near Wareham.
- F. La Lee Farm, Whitechurch.
Devon, Hants, Somerset, Wilts, Normandy.

38. *P. dubium*, Linn. *P. Lamottel*, Bor. *Long-headed Poppy*.
First record, Mansel-Pleydell, 1874.

- Colonist; cornfields, walls; rare. A. June—September.
- D. Between Keyworth and Wareham; East Morden.
- F. Cultivated ground, Poole and Ringwood Road, second milestone from Poole.
- G. Cultivated ground, Langton Matravers, between the Village and Dancing Ledge.

Var. *β. Lecoqii*, Lamotte.

- F. Lytchett Matravers; West Moors, side of railway.
- G. Swanage, rough waste ground, *W. M. Rogers*; Corfe Castle; cultivated ground between Swanage and Studland.
Devon, Hants, Somerset, Wilts, Normandy.

39. *P. Argemone*, Linn. *Long-headed Prickly Poppy*.
First record, Pulteney, 1799.

- Colonist; cultivated land, sandy ground and walls; frequent.
A. May—July.
- B. Occasionally in sandy fields, Bradford Abbas, *Prof. Buckman*.
- C. Portland, *G. S. Gibson*; railway bank, Dorchester, *W. M. Rogers*; Weymouth, banks of the Backwater.
- D. Sandy places, Morden Heath; Wareham, sandy ground, sides of railway station.
- E. Old walls, Shaftesbury, *Dr. Pulteney*.
- F. Among corn near Blandford, *Pulteney*; Shapwick, *W. M. Rogers*; sides of railway between Poole and Broadstone; Parkstone.
- G. Corfe Castle, *W. Borrer*; cornfields, Punfield, near Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

40. *P. hybridum*, Linn. *Round-headed Poppy*.
First record, Pulteney, 1813.

- Colonist; cultivated land; rare. A. May—July.
- C. Wyke Regis, *G. S. Gibson*; hedge-bank of a cultivated field between Radipole and Weymouth; Portland.
- F. Spettisbury, *E. Binfield*; cornfield, Milborne St. Andrew.
- G. Cornfield between Seacombe and Worth Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

CHELIDONIUM, Linn.**41. C. majus, Linn. Common Celandine.**

First record, Pulteney, 1813.

Denizen ; roadsides, hedge-banks, chiefly near dwellings ; common. P. April—October.

- A. Buckhorn Weston Hill ; Bourton, *W. Galpin* ; Netherbury, *E. Fox*.
- B. Bradford Abbas, *Prof. Buckman* ; Chetnole ; Ryme, *W. M. Rogers*.
- C. Lane leading from Radipole to Chickerell, *W. B. Barrett* ; Rampisham.
- D. Roke Farm, Bere Regis.
- E. Woolland, *W. M. Rogers* ; hedges between Stourton Caundle and Stalbridge ; Sturminster Newton ; Buckland Newton.
- F. Daggens Road, *W. M. Rogers* ; Winterbourne Whitechurch ; Durweston.
- G. Herston, Steeple ; West Lulworth ; Studland ; Arne. Devon, Hants, Somerset, Wilts, Normandy.

GLAUCIUM, Linn.**42. G. flavum, Cranz. Yellow-horned Poppy. (Squals, Dors. Portland).**

First record, Turner, 1562, noticed by him as growing in Dorsetshire.

Native ; sandy seashores, not uncommon in suitable localities.

B. May—October.

- A. Bridport ; Charmouth ; West Bexington ; East Bexington ; Burton Bradstock ; Eypemouth.
- C. On the Chesil Bank and about Weymouth, *Pulteney* ; Arish Mill ; White Nose.
- G. Kimmeridge Bay ; Punfield ; Studland, on the cliffs and sands. Devon, Hants, Somerset, Normandy.

FUMARIACEÆ, D.C.**CORYDALIS, D.C.****43. C. claviculata, D.C. White climbing Fumitory.**

First record, Pulteney, 1799.

Native ; woods, thickets, and hedges ; rare. A. May—August.

- A. Broken ground on the sea side of Stonebarrow Hill, *W. Fawcett*.
- C. Binegar Copse, Stoke, *E. Fox* ; lane on the north-east side of the Cemetery, Weymouth ; hedges, Bindon Abbey, near Wool.

- D. Plantation, Bestall, near Wareham.
 F. Copse, Ensbury, *J. H. Austen*; roadside between Wimborne and Ringwood, *R. P. Murray*.
 G. Moist stony places and lanes in Purbeck and in the stone cliffs but very sparingly, *Pulteney*; on a sandy bank, near Mr. Pike's wharf, Redcliff, Wareham.
 Devon, Hants, Somerset, Normandy.

44. [*C. lutea*, *D.C.* *Yellow Fumitory*.
 First record, Mansel-Pleydell, 1874.
 Denizen; walls; frequent. P. July—September.]

FUMARIA, *Linn.*

45. *F. pallidiflora*, *Jord.* *Pale-flowered Fumitory*.

Var. *g.* *Borasi*, *Jord.*

First record, Mansel-Pleydell, 1874 (*F. pallidiflora*).
 Native; hedge-banks, bushy pastures; rare. A. May—September.
 Normandy.

46. *F. confusa*, *Jord.*

First record, Mansel-Pleydell, 1874.

Native; cultivated fields, gardens, hedges, banks; not unfrequent on the heath lands of the county; otherwise rare. A. May—September.

- C. Weymouth; Evershot, *W. M. Rogers*; Lodmoor, *W. B. Barrett*.
 D. Cultivated ground, Cold Harbour; Sandford; Deverill Farm, Milborne St. Andrew.
 F. Poole, cultivated ground near the Railway Station; Lytchett, near Lord Eustace Cecil's House; Parkstone; near Ham Junction; Holt, Wimborne; Winterbourne Kingston allotments; Upton, near the old turnpike gate.
 G. Corfe Castle, Branksome, Shapwick, *W. M. Rogers*; Langton Matravers; hedges, Arne; Wych; Goatarne; Owre, Poole Harbour; Rempstone Heath; Creech Claypits; Redcliff, near Wareham; hedge-banks between Middle Bere Clay-wharf, and the Estuary; Church Knowle; Ulwell; Swanage.
 Devon, Hants, Somerset, Wilts, Normandy.

47. *F. muralis*, *Sond.* *Wall Fumitory*.

First record, Mansel-Pleydell, 1874.

Colonist; cultivated ground and hedge-banks; rare. A. June—September.

- C. Hedges, Portmore, Wyke Regis, *W. B. Barrett*; cultivated ground, Ridgeway.
- F. Parley, waste ground, east of the Parsonage. Devon, Hants, Somerset, Normandy.
48. **F. densiflora**, *D.C. Close-flowered Fumitory.*
First record, Mansel-Pleydell, 1874.
Colonist; cultivated ground; rare. A. June—September.
- D. Wareham, sandy ground west side of the Railway Station; cultivated ground between Sandford and the Bere Regis and Wareham main road; cultivated ground under the Roman encampment, Milborne St. Andrew.
- F. Cultivated ground, Winterbourne Kingston allotments. Hants, Wilts, Normandy.
49. **F. parviflora**, *Lam. Small-flowered Fumitory.*
First record, Bell Salter, 1839.
Colonist; cultivated ground; rare. A. June—September.
On the authority of Bell Salter, who gives for it no locality with the symbol of rarity attached.
Hants, Normandy.
50. **F. officinalis**, *Linn. Common Fumitory.*
First record, Bell Salter, 1839.
Colonist; cultivated ground; hedge-banks; common. A. March—December.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

CRUCIFERÆ, *Juss.*

CAKILE, *Scop.*

51. **C. maritima**, *Scop. Purple Sea Rocket.*
First record, Pulteney, 1799.
Native; sandy seashores; not uncommon. A. June—September.
- A. Beach, west of Bridport Harbour, *J. Jones*; Burton Bradstock; Charmouth.
- C. Sandy places on the shore of the Fleet, Wyke Regis.
- F. North Haven, *Pulteney*.
- G. Kimmeridge Bay; Swanage Bay; Studland Bay. Devon, Hants, Somerset, Normandy.

CRAMBE, *Linn.***52. C. maritima**, *Linn.* *Sea Kale, Sea Colewort.*

First record, Pulteney, 1799.

Native ; sea cliffs and beach ; rare. P. June.

Pulteney speaks of this plant as not uncommon on the sandy shores of Dorset.

A. Cliffs between Burton Bradstock and Bridport Harbour.

C. Chesil Bank, and about Weymouth, *Pulteney* ; Lulworth Cove, *Withering*.G. Winspit Quarry, *Lester Lester*.

Devon, Hants, Somerset, Normandy.

SENEBIERA, *Pers.***53. S. coronopus**, *Poir.* *S. Ruellii, Gaertn.* *Common Wort Cress, Swine's Cress.*

First record, Pulteney, 1813.

Native ; roadsides and waste ground ; frequent. A. May—September.

A. Charmouth, *W. Fawcett* ; Loders, *J. Jones* ; Bridport Harbour ; beach, Burton Bradstock ; Fleet, Abbotsbury ; Lyme Regis.B. Chetnole ; Ryme ; Leigh, *W. M. Rogers* ; Westbury Bridge, Sherborne, Bradford Abbas, highway near Silver Lake, *W. Galpin*.

C. Weymouth ; West Lulworth ; Charminster, below the County Lunatic Asylum ; Holworth.

D. Chamberlayne's Mill.

E. Waste ground under Bulbarrow ; between Folke and Bishop's Caundle ; Fiddleford.

F. Shapwick, *W. M. Rogers* ; edges of pond, Farnham Common ; Leigh Common, Wimborne.

G. Grassy place on the shore of Poole Harbour in several places ; Goatarne ; Stoborough Meadows ; Studland ; Kimmeridge.

Devon, Hants, Somerset, Wilts, Normandy.

54. S. didyma, *Pers.* *Lesser Wort Cress.*

First record, Bell Salter, 1839.

Alien ; waste ground, especially near the sea ; rare. A. July—September.

A. Sands, Charmouth, *Mrs. Reid* ; The Cobb, Lyme Regis.C. Dorchester, near the Amphitheatre, *W. M. Rogers* ; West Lulworth.F. Ballast Quay, Poole, *Bell Salter* ; waste ground near Ham.

- G. Shore, Swanage.
Devon, Hants, Somerset, Normandy.

[**ALYSSUM**, *Linn.*

55. **A. calycinum**, *Linn.* *Calycine Alyssum*.
First record, Mansel-Pleydell, 1891.
Colonist; cultivated ground; introduced with clover seed;
rare. A. May—July.
- F. Débris near the Gas and Water Works, Bourne Valley,
between Bournemouth and Parkstone, *H. Fisher.*]

THLASPI, *Linn.*

56. **T. arvense**, *Linn.* *Penny Cress*.
First record, Bell Salter, 1839.
Colonist; cultivated fields and roadside; not common. A.
May—July.
- A. Red Lane, Abbotsbury; cultivated ground, West Bexington.
B. Bradford Abbas, *D. Stephens*.
C. Roadside between Weymouth and Chickerell, near the Marquis
of Granby Publichouse, *W. B. Barrett*; Arish Mill Gap.
D. Cultivated ground near the Wareham Railway Station and
Sandford Lane.
E. Waste land between Folke and Bishop's Caundle; side of
Railway between Stalbridge and Sturminster Newton.
F. Branksome Park, Bournemouth, *W. M. Rogers*; cultivated
ground near the Roman Encampment, Milborne St. Andrews;
Winterbourne Kingston.
G. Cultivated ground under Whiteway Hill, *W. Fawcett*.
Devon, Hants, Somerset, Wilts, Normandy.

CAPSELLA, *D.C.*

57. **C. Bursa pastoris**, *D.C.* *Common Shepherd's Purse*.
First record, Bell Salter, 1839.
Native; cultivated ground and waste places; very common.
A. March—December.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

TEESDALIA, *R. Br.*

58. **T. nudicaulis**, *R. Br.* *Naked-stalked Teesdalia, Shepherd's
Cross*.
First record, Mansel-Pleydell, 1874.
Native; sandy and gravelly places; rare. A. April—June.

- F. Sandy banks, Ensbury, *J. H. Austen*.
Devon, Hants, Wilts, Normandy.

[**IBERIS**, *Linn.*

59. **I. amara**, *Linn.* *Bitter Candytuff*.
First record, Mansel-Pleydell, 1874.
Alien; cultivated land, light soil; rare. A. July.
- C. Cornfield, south of Convict Prison, Portland, near the cliff,
W. B. Barrett.
- D. Shitterton Farm, Bere Regis.
Hants, Wilts, Normandy.]

LEPIDIUM, *Linn.*

60. **L. Smithii**, *Hook.* *Hairy Mithridate Pepperwort*.
First record, Flora of Dorset, 1874.
Native; borders of fields and hedges; frequent on the heath
lands. P. April to August.
- A. Lyme Regis, *H. T. Rickard*.
- C. Near the Wareham Railway Station, *W. M. Rogers*; hedges
between Wool and Holme; hedge near the Cemetery,
Weymouth; Lodmoor.
- D. Banks, Sherford Bridge; Bestall Farm, near Wareham;
Chamberlayne's.
- F. Poole Backwater, near Lytchett, *W. M. Rogers*; Leigh
Common, Wimborne; sand banks, Parkstone; "The Hive,"
Poole Harbour; Broadstone.
- G. Borders of fields, Kingston; Swyre Hill, Kimmeridge; Arne;
Swanage.
Devon, Hants, Somerset, Normandy.
61. **L. campestre**, *R. Br.* *Common Mithridate Pepperwort*.
First record, Pulteney, 1799.
Colonist? cornfields and waste ground; not common.
P. April—August.
- A. Marcombe Lake, *W. Fawcett*.
- B. Chetnole; Leigh, *W. M. Rogers*; Bradford Abbas, *Prof.*
Buckman.
- C. Hedge near the Maiden Newton Railway Station, *E. Fox*;
Weymouth, hedge near the Cemetery.
- D. Hedge bank, Chamberlayne's; hedge between Wareham and
the Railway Station.
- E. Walls, Stalbridge, *W. Galpin*.
- F. Lytchett, *W. Fawcett*.

- G. Talbot's Wood, Langton Matravers, *L. Lester*; Arne; Blashenwell, Kingston; Quarry Farm, Encombe; Punfield. Devon, Hants, Somerset, Wilts, Normandy.
62. **L. ruderale**, *Linn. Narrow-leaved Pepperwort.*
First record, Bell Salter, 1839.
Denizen; waste ground near the sea; rare. A. May—June.
F. Ham Ballast Quay, Poole! *Dr. Salter.*
63. [**L. Draba**, *Linn. Whitlow Pepperwort.*
First record, Flora of Dorset, 1871.
Cultivated and waste ground; rare. P. May—June.
C. Moreton, Miss Fetherstonhaugh-Frampton.
Hants, Normandy.]

COCHLEARIA, *Linn.*

64. **C. officinalis**, *Linn. Common Scurvy-Grass.*
First record, Lobel, 1655.
Native; waste ground near the sea; rare. B. or P. April—August.
C. Portland, *H. E. Fox*; Durdle Door, West Lulworth, *W. Fawcett.*
G. Gadcliff; Winspit; South Haven.
Devon, Hants, Somerset, Normandy.
65. **C. danica**, *Linn. Hastate-leaved Scurvy-Grass.*
First record, Lobel, 1655.
Native; sea coast; not common. B. April—August.
A. The Cobb, Lyme Regis, *Pulteney.*
C. Portland, "noticed so long since by Lobel as on the cliffs of the island and on those of Purbeck," *Pulteney*; Chesil Beach, by the road, *G. S. Gibson*; Fleet; Abbotsbury, *W. Whitwell*; on the narrow sandy strip of land between the Railway Station, Portland, and the Ferry Bridge; walls, Pennsylvania Castle.
G. Roofs of houses and walls, Swanage, *O. L. Mansel*; St. Alban's Head, *J. Perrins*; Ebrai Quarry, Langton Matravers; Tilly Whim; Clavell's Hard, Kimmeridge; Studland; Winspit.
Devon, Hants, Somerset, Normandy.
66. **C. anglica**, *Linn. English Scurvy-Grass.*
First record, Pulteney, 1799.
Native; muddy sea shores and estuaries; not common. A. April—June.

- C. Weymouth, *Pulteney*; banks of the Frome, Redcliff, near Wareham.
- F. Salt-marsh; North Haven; Salterns, Poole Harbour.
- G. Salt-marsh between Studland and South Haven; Wych; Arne; stone embankment between Wareham and Mr. Pike's Wharf, Redcliff.
Devon, Hants, Somerset, Normandy.

DRABA, Linn.

67. **D. muralis, Linn.** *Wall Whitlow Grass.*
First record, W. B. Barrett, 1885.
Native; walls and limestone rock; very rare. A. April.
- A. Walls, Higher Wambrook, near Chard, *W. B. Barrett.*
Devon, Somerset, Normandy.

EROPHILA, D.C. (*Draba*.)

68. **E. vulgaris, D.C.** *Common Whitlow Grass.*
First record, Bell Salter, 1839.
Native; walls banks, downs; common. A. March—April.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
69. **E. præcox, D.C.** **E. brachycarpa, Jord.** *Short-podded Whitlow Grass.*
First record, Mansel-Pleydell, 1874.
Native; walls, banks, downs; probably as common as the above. A. March—April.
- B. Chetnole. *W. M. Rogers.*
- F. Deverill Down; Bulbarrow.
- G. Down between Worth Matravers and Scacombe.

[CAMELINA, Crantz.

70. **C. sativa, Fr.** *Gold-of-Pleasure.*
First record, Pulteney, 1799.
Undoubtedly introduced with the flax.
Alien; flaxfields; rare. A. June.
- A. Flaxfields about Bridport and Lyme Regis, *Hudson.*
- F. La Lee Farm, Whatcombe.
Normandy.]

CARDAMINE, Linn.

71. **C. amara, Linn.** *Bitter Lady's Smock.*
First record, Pulteney, 1799.

Native ; moist meadows ; rare. P. May—June.
Moist meadows on the river Stour, especially such as are liable to be overflown, *Pulteney*.

- A. Lodors, near Bridport, *Pulteney*.
E. Meadows on the Stour, near King's Mill, *Mrs. Allen*.
Hants, Wilts, Normandy.
72. **C. pratensis**, *Linn.* *Meadow Lady's Smock*.
First record, Bell Salter, 1839.
Native ; moist meadows and woods ; common. P. April—May.
Generally distributed.
- Var. *a.* *Hayneana*, *Welw.* = *C. pratensis* × *C. flexuosa*.
F. Shapwick, *R. P. Murray*.
A double-flowered form of this plant is occasionally found.
I have met with it in Whatcombe Park, Hazelbury Bryan, and Milton Abbey.
Devon, Hants, Somerset, Wilts, Normandy.
73. **C. hirsuta**, *Linn.* *Hairy-leaved Lady's Smock*.
First record, Bell Salter, 1839.
Native ; dry places, garden walks and walls ; common. A.
March—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
74. **C. flexuosa**, *With.* *Wood Hairy-leaved Lady's Smock*.
First record, Mansel-Pleydell, 1874.
Native ; ditches, banks, damp roadsides, and woods ; common.
B. or P. March—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- ARABIS**, *Linn.*
75. **A. sagittata**, *D.C.* *Hairy Rock-cress*.
First record, *Pulteney*, 1799.
Native ; walls, hedge banks, woods ; frequent. B. April—August.
- A. Milton, near Poorstock ; Bridehead.
B. Bradford Abbas, *Prof. Buckman*.
C. Portland, *H. Groves* ; hedge banks, Maiden Newton ; stony slopes, Hook Park.
D. Sandy field, third milestone on the Wareham and Bere Regis main road ; sides of fields, Cold Harbour, near Wareham ; hedge banks, Chesilbourne ; Plush.

- E. Tollard Royal, lane near the Village Pound, *Pulteney* ;
Woolland, *W. M. Rogers*.
- F. Walls, Shapwick ; hedge banks, Deverill Down ; park wall,
Eastbury ; wall, Milton Abbey, on the road to Bulbarrow ;
hedge banks between Houghton and Stickland ; Oatclose
Wood, Clenston ; Melbury Abbas.
- G. Stony slopes, Kimmeridge Hill, Cocknowle Hill ; hedge banks
between Rempstone and Studland ; among the ruins of
Corfe Castle.
Devon, Hants, Somerset, Wilts, Normandy.
76. [**A. perfoliata**, *Lam.* *Turritis glabra*, *Linn.*, *Smooth Tower*
Wall-cress.
First record, Pulteney, 1799.
Native ; old walls ; banks. B. or P. May.
C. On old walls at Dorchester, *Pulteney*.
"The plant in the Pulteney Herbarium, British Museum,
seems to be a species of *Brassica*," *W. Newbould*.]

BARBAREA, *R. Br.*

77. **B. vulgaris**, *R. Br.* *Common Yellow Rocket*.
First record, Bell Salter, 1839.
Native ; riversides, damp hedges, and sides of ditches ; damp
woods ; common. B. May—August.
Generally distributed.
I have met with a form with slender divaricate ascending pods
in a cultivated field between the Industrial School,
Milborne St. Andrews, and the main road, also in Clenston
Wood, Clenston.
Devon, Hants, Somerset, Wilts, Normandy.
78. [**B. præcox**, *R. Br.* *American Cress*, *Winter Cress*.
First record, Mansel-Pleydell, 1874.
Alien ; waste ground and roadsides ; rather rare. B. May
—August.
A. Puncknoll, roadside near the Bridge on the road to Lytton Cheney.
C. Near the Gashouse, Weymouth.
D. Roadside between Wareham and the Railway Station ; also
on the main road leading to Bere Regis.
F. Highmoor, Broadstone ; Parkstone, *W. M. Rogers* ; Daggon's
Road, near Cranborne ; near the Cemetery, Blandford.
G. Swanage, *W. M. Rogers* ; roadside between Wareham and the
Railway Bridge ; Stoborough, near Wareham ; Povington
Heath.
Hants, Wilts, Normandy.]

NASTURTIUM, R. Br.

79. **N. officinale, R. Br.** *Common Watercress.*
 First record, Bell Salter, 1839.
 Native ; running water, watery ditches ; common. P. May
 —June.
 Generally distributed.
- Var. β . *N. siifolium, Reich.*
 F. Stream, Milborne St. Andrews ; Winterborne Kingston.
- Var. γ . *N. microphyllum (Boenn) Reich.*
 G. Wilke's Wood, Langton Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.
80. **N. palustre, D.C. N. terrestre, R. Br.** *Marsh Yellow-cress.*
 First record, Pulteney, 1813.
 Native ; wet places ; not common. P. June—September.
- B. Bradford Abbas, *Prof. Buckman.*
 C. Marshy meadows between Stafford and Bockhampton,
E. Binfield.
 D. Burleston ; roadside between Roke moor, Bere Regis.
 E. Banks of the river Cale, Buckhorn Weston, *W. Galpin* ; Fiddle-
 ford, opposite Piddle Wood, *W. M. Rogers* ; meadows near
 King's Mill ; banks of the stream near Lydlinch.
 F. Leigh Common, near Wimborne, *W. M. Rogers* ; by the
 Tarrant, near Crawford Church, *R. P. Murray* ; Lytchett
 Matravers ; meadow near the stream, Durweston ; sides of
 pond, Almer ; riverside, Verwood ; Canford meadows ;
 Sturminster Marshall.
 Devon, Hants, Somerset, Wilts, Normandy.
81. **N. sylvestre, R. Br.** *Creeping Yellow-cress.*
 First record, Pulteney, 1813.
 Native ; river banks and wet places ; rare. P. June—August.
- C. Meadows, East Stoke, *E. Fox.*
 F. Between the Church and the Mill at Spettisbury ; meadow at
 Blandford Bridge, near Whitecliff Mill, *E. Binfield.*
 Devon, Hants, Somerset, Wilts, Normandy.

SISYMBRIUM, Linn.

82. **S. officinale, Scop.** *Hedge-mustard.*
 First record, Bell Salter, 1839.
 Native ; waste places, roadsides ; common. A. or B. March
 —September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

83. **S. Alliaria**, Scop. *Garlic Hedge-mustard*.

First record, Bell Salter, 1831.

Native; hedge banks and shady places; common. B.
April—June.

Devon, Hants, Somerset, Wilts, Normandy.

84. **S. Sophia**, Linn. *Flixweed*.

First record, Pulteney, 1813.

Native; waste places; rare. A. June—August.

A. Allington, on heaps of rubbish, *E. Fox*.

B. Hedges, Bradford Abbas, *Prof. Buckman*.

F. By the shore at Ham, Poole, *Pulteney*; waste ground near Peter's Finger Publichouse, Lytchett; side of railway between Broadstone and Poole.

Devon, Somerset, Wilts, Normandy.

85. **S. Thaliana**, Linn. *Thale Grass*,

First record, Pulteney, 1799.

Native; cultivated ground, dry banks, walls; frequent. Is absent apparently from heavy soils. Mr. W. M. Rogers tells me has failed to find it in District B. A. April—September.

A. Loders, *Pulteney*; Walditch, *W. B. Barrett*; Lyme Regis; Abbotsbury.

C. Rampisham, *W. M. Rogers*; hedge bank, Kingcombe.

D. Cornfields, Bere Regis; Chamberlayne's; Shitterton; Cold Harbour, near Wareham.

E. Old walls, Shaftesbury, *Pulteney*; hedge banks, Fiddleford; walls, Stalbridge.

F. Shapwick; Parkstone, *W. M. Rogers*; Stickland Lane, *Pulteney*; Blandford; Longthorns; Clenston; Winterbourne Kingston; Houghton.

G. Walls, Smedmore; cultivated ground, Holme Grange.

Devon, Hants, Somerset, Wilts, Normandy.

86. [**S. Irlo**, Linn. *London Rocket*.

First record, Mrs. M. Frampton, MS.

Casual; dry waste ground; rare. A. July—August.

D. Huret Bridge, *Mrs. Mary Frampton*.

Wilts, Normandy.]

87. [**S. columnæ**, *Jacq.*
First record, Mansel-Pleydell, 1891.
Casual; waste ground; hedge banks; rare. B. June—July.
D. Hedge bank in a turn east of the Wareham Railway leading
to Sanford.]
88. [**S. pannonicum**, *Jacq.*
First record, Mansel-Pleydell, 1891.
Casual; waste and cultivated ground; rare. B. May—
October.
C. Park, Weymouth, *Miss Payne.*]

ERYSIMUM, *Linn.*

89. **E. cheiranthoides**, *Linn. Treacle Hedge-mustard.*
First record, Pulteney, 1813.
Colonist; cultivated ground; rare. B. June—August.
A. Lyme Regis, *F. T. Rickard.*
C. Cornfields, Great Toller, *E. Fox.*
D. Moist places, Piddletown, *E. Binfield.*
E. Stalbridge, *Mrs. Allen.*
F. Cultivated ground, Deverill Farm, Milborne St. Andrew.
Devon, Hants, Somerset, Wilts, Normandy.

CHEIRANTHUS, *Linn.*

90. **C. Cheiri**, *Linn. Common Wall-Flower.*
First record, Bell Salter, 1839.
Alien; old walls; not common. P. April—June.
C. Pennsylvania, Portland.
E. Shaftesbury, walls and on the church and other buildings.
Hants, Somerset, Wilts, Normandy.

BRASSICA, *Linn.*

91. **B. oleracea**, *Linn. Sea Cabbage.*
First record, Pulteney, 1813.
Denizen? sea cliffs; rare. B. May—September.
C. Between Lulworth Cove and Durdle Door, *Woods*; Portland,
Pulteney.
G. Cliffs near Old Harry, *R. P. Murray*; Kimmeridge Bay; Gad
Cliff; Winspit; St. Alban's Head.
These Dorsetshire forms are distinguished from the type by
having a tinged and seed-bearing beak. Mr. J. Woods,
Phytologist, vol. iii., p. 265.
Devon, Hants, Somerset, Normandy.

92. [**B. Napus**, *Linn. Navew, Rape*.
First record, Bell Salter, 1839.
Colonist; river banks and cultivated ground; frequent. A.
or B. May—October. Probably escaped from cultivation.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.]
93. **B. Rapa**, *Linn. Common Turnip*.
First record, Bell Salter, 1839.
Cultivated ground; common. A. or B. May—October.
- Var. *β*. *Briggsii*, *H. C. Watson*.
C. Roadside near Wool, *R. P. Murray*.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
94. **B. Sinapis**, *Vis. Sinapis arvensis*, *Linn. Common Mustard or Charlock*.
First record, Bell Salter, 1839.
Native; cornfields; common. A. May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
95. **B. nigra**, *Koch. Black Mustard*.
First record, Pulteney, 1799.
Native; sea cliffs, riversides, hedges, and waste places.
Restricted mainly to the neighbourhood of the sea and the
clay districts of the county.
- A. Banks of the Axe, Wadbrook; cliffs, Lyme Regis, Charmouth;
Bridport; Puncknoll.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Upwey; Lodmoor, *W. M. Rogers*; ditches and waste ground
near the beach at Abbotsbury.
- E. Woolland, *W. M. Rogers*; banks of the Cale, *W. Galpin*.
- F. Banks of Stour, Durweston; Sturminster Newton.
- G. Cliffs, Kimmeridge Bay; sides of stream through the Vale
from Worbarrow to Swanage; abundant on the cliffs at
Swanage; stream below Corfe Castle; hedges above Ulwell.
Devon, Hants, Somerset, Wilts, Normandy.
96. **B. alba**, *Boiss. White Mustard*.
First record, Bell Salter, 1839.
Colonist; cultivated and waste ground; frequent. July—
November.
- A. Burton Bradstock.

- D. Cultivated ground, Roke Farm, Bere Regis.
- E. Woolland ; Ibberton.
- F. Branksome, *W. M. Rogers* ; Whitchurch allotments ; Houghton ; West Moors.
- G. Bradle.
Devon, Hants, Somerset, Wilts, Normandy.

DIPLLOTAXIS, *D.C.*

- 97. **D. tenuifolia**, *D.C. Narrow-leaved Wall Mustard.*
First record, Bell Salter, 1839.
Denizen ; old walls and waste ground ; rare. P. July—September.
C. Weymouth Backwater, near the Railway Station.
- F. Sandy ground, sides of railway between Poole and Broadstone ; Little Canford, on the Poole Road ; Poole, sandy ground between the railway and the estuary.
Devon, Hants, Somerset, Normandy.
- 98. **D. muralis**, *D.C. Wall or Sand Mustard.*
First record, Pulteney, 1799.
Denizen ; waste ground ; frequent, apparently increasing. A. August—September.
- A. West Bay, Bridport Harbour, *W. M. Rogers* ; walls, Bridport, *W. Fawcett.*
- B. Yetminster, near the Railway Station, *W. M. Rogers.*
- C. Weymouth, on the Nothe side, *Pulteney* ; roadside between Portland and the Ferry Bridge ; sides of railway, Weymouth Station.
- E. Shaftesbury, *Pulteney.*
- F. Bournemouth, *H. Trimen* ; Hamworthy Railway Station.
Not distinguished from the preceding by British Botanists before the publication of Smith's Supplement, and is probably a recent introduction into this country.
Devon, Hants, Somerset, Wilts, Normandy.

RAPHANUS, *Linn.*

- 99. **R. Raphanistrum**, *Linn. Wild Radish, Jointed Charlock.*
(*Charlock, Dors.*)
First record, Pulteney, 1813.
Colonist ; cultivated ground ; frequent. A. June—November.
- A. Common fields, Bridport, *J. Jones* ; Charmouth, *W. M. Rogers.*

- B. Bradford Abbas, *Prof. Buckman*; banks of the Yeo; Goat-hill, near Sherborne, *W. Galpin*; Chetnole, *W. M. Rogers*.
- C. By Moreton Heath, *W. M. Rogers*; cultivated ground, Wool; Portland.
- D. Chamberlayne's, Bere Regis; fields on the Poole road, near Bere.
- F. Poole; Daggon's Road, *W. M. Rogers*; Winterbourne White-church; Lytchett Matravers; Parkstone.
- G. Near the Creech Clay-pits.
Devon, Hants, Somerset, Wilts, Normandy.
100. **R. maritimus**, *Smith*. *Sea Radish*, *Sea Charlock*.
First record, Mansel-Pleydell, 1874.
Native; sea coast; rare. B? June—August.
- A. Charmouth, waste ground near the shore.
- C. Portland.
Devon, Hants, Somerset, Normandy.

RESEDACEÆ, D.C.

RESEDA, *Linn*.

101. **R. luteola**, *Linn*. *Dyer's Rocket*, *Weld*.
First record, Pulteney, 1799.
Native; waste chalky and limestone places; frequent. B.
May—September.
- C. Maiden Newton; near Poundbury; Wimborne, *W. M. Rogers*; Came, *W. B. Barrett*; Undercliff, Portland; Holworth Cliff; West Lulworth; Down above Arish Mill.
- E. Side of railway between Stalbridge and Sturminster Newton.
- F. Downs near Badbury, *R. P. Murray*; Blandford St. Mary's, *E. K. Chambers*; hedges between Thorncombe and Charlton; Bryanston Park-wall, south side; Chescombe; Milton Abbas; Tarrant Gunville; Quarelston, near Bryanston; hedge bank between Cranborne and Daggon's Road Station.
- G. Worbarrow Bay; common among the Swanage quarries; Studland; Langton Matravers; hedge bank, Punfield.
Devon, Hants, Somerset, Wilts, Normandy.
102. **R. lutea**, *Linn*. *Wild Mignonette*.
First record, Pulteney, 1799.
Native; cultivated ground; frequent. B. May—September.
- C. Blackdown, Portisham; banks of the river Wey, *W. M. Rogers*; between Osmington and Holworth.

- D. Roke Farm, Bere Regis ; between Chesilbourne and Piddletrenthide.
 F. Blandford S. Mary's, *E. K. Chambers* ; Shapwick, *W. M. Rogers* ; Whitechurch Farm, very abundant, Clenston ; Winterbourne Kingston ; Thorncombe ; Thorny Down.
 G. Swanage.
 Var. *a. alba*, *Linn.* Swanage, *W. M. Rogers*.
 Devon, Hants, Somerset, Wilts, Normandy.

CISTINEÆ, D.C.

HELIANTHEMUM, Gaertn.

103. *H. vulgare*, *Gaertn.* *Common Rock-rose*.
 First record, Pulteney, 1799.
 Native ; hedges, banks, woods, &c. ; common. Sh. May—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

VIOLARIEÆ, D.C.

VIOLA, Linn.

104. *V. palustris*, *Linn.* *Marsh Violet*.
 First record, Mansel-Pleydell, 1874.
 Native ; boggy places ; rare. P. April—June.
 A. Wood, Stonebarrow Hill, *Ridley* and *Fawcett* ; Monkton Wyld, *L. Lester* ; Poorstock Common, *E. Fox* ; marsh under Pillesdon Hill.
 F. Leigh Common, near Wimborne.
 Devon, Hants, Somerset, Wilts, Normandy.
105. *V. odorata*, *Linn.* *Sweet Violet*.
 First record, Bell Salter, 1831.
 Native ; hedge banks, thickets, &c. ; common. P. March—April.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
106. *V. hirta*, *Linn.* *Hairy Violet*.
 First record, Pulteney, 1797.
 Native ; woods, thickets, pastures, &c. ; common, especially on the chalk. P. April—May.

- B. Bubbdown, Melbury ; Ryme, *W. M. Rogers* ; Beer Hackett ; Honeycombe Wood.
- C. Evershot ; Yellowham Wood ; Lulworth Cove ; Ridgeway Hill, *W. M. Rogers* ; Portland.
- D. Melcombe Tout.
- E. Woolland, *W. M. Rogers* ; Bagber Lane ; Sturminster Newton ; Motcombe.
- F. Badbury Rings, *W. M. Rogers* ; The Chase near Ranston ; Stourpaine, *R. P. Murray* ; Milborne St. Andrew ; Milton Abbas ; Whatcombe.
- G. Peverell Point, Swanage, *W. M. Rogers* ; North Hill, Steeple ; roadside between Corfe Castle and Kingston ; bushy banks, Langton Matravers.

Var. *β*. *calcareo*, *Bab.*

- C. Portland, *C. C. Babington*.
Devon, Hants, Somerset, Wilts, Normandy.

107. *V. sylvatica*, *Fries.* *V. Riviniana*, *Reich.* *Gerarde's Dog Violet.*

First record as a seggregate, Mansel-Pleydell, 1874.

Native ; woods, hedgerows, heaths ; common. P. April—May. Flowers also in the autumn.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

108. *V. Reichenbachiana*, *Bor.* *Reichenbach's Dog Violet.*

First record as a seggregate, Mansel-Pleydell, 1874.

Native ; similar habits as the last ; locally common, and usually in partial shade. P. April—May. Flowers also in the autumn.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

109. *V. canina*, *Linn.* *V. flavicornis*, *Sm. (non Foster).* *Dillenius' Dog Violet.*

First record, Bell Salter, 1839.

Native ; sandy and heathy ground ; not common. P. April—June.

F. Whatcombe Park ; Whatcombe Common.

Devon, Hants, Somerset, Wilts, Normandy.

110. *V. lactea*, *Sm.* *Smith's Dog Violet.*

First record, Bell Salter, 1839.

- Native ; heath and boggy ground ; locally frequent, but rare beyond the heath districts of the county. P. April—June.
- C. Piddletown Heath, *W. M. Rogers* ; Wool Heath ; Moreton Heath ; roadside between Moreton North Lodge and Waddock.
- D. Sherford Bridge, *Ridley* and *Fawcett* ; Chamberlayne's, Bere Regis ; Hyde Heath.
- F. Moor near Broadstone Station, *T. R. A. Briggs* ; Branksome, Bournemouth ; Verwood Heath ; Kinson Heath.
- G. West Creech ; heath under Whiteway Hill ; Grange Heath, Povington ; Wareham Heath ; Nordon ; Studland Heath. Devon, Hants, Normandy.
111. **V. tricolor**, *Linn.* *Heartsease, Pansy.*
First record, Bell Salter, 1839.
Native ; cultivated ground ; typical plant rare. A. April—June.
- Var. *β. arvensis*, *Murr.*
Common, and generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

DROSERACEÆ, D.C.

DROSERA, *Linn.*

112. **D. rotundifolia**, *Linn.* *Round-leaved Sundew.*
First record, Bell Salter, 1839.
Native ; turfy bogs and in water ; common. P. May—September.
Extremely common and abundant throughout the heath districts of the county.
- A. Chardstock ; bog below Pillesdon Hill (*Greensand*).
Devon, Hants, Somerset, Wilts, Normandy.
113. **D. intermedia**, *Hayne.* *Lesser Long-leaved Sundew.*
First record, Bell Salter, 1831.
Native ; habit similar to the above, but growing less frequently in shallow water ; common. P. May—September.
- Var. *β. subcaulescens*, *Melvill.* Studland Bay, *W. M. Rogers* (wet mud).
Devon, Hants, Somerset, Wilts, Normandy.
114. **D. anglica**, *Huds.* *Larger Long-leaved Sundew.*
First record, Pulteney, 1799.

Native ; spongy bogs ; rare. P. July—August.

A. Chardstock Common.

C. Parkstone Heath, *H. Fisher*.

D. Half-a-mile from Wareham towards Sandford Bridge, *Pulteney*.

G. Wareham Heath, *Pulteney* ; Agglestone bog, Studland, *W. Borrer* ; Grange Heath.

Var. *β*. *obovata* (M. and K.) Studland Heath, *Ridley* and *Fawcett*.
Devon, Hants, Somerset, Normandy.

POLYGALEÆ, *Juss.*

POLYGALA, *Linn.*

115. *P. vulgaris*, *Linn.* *Common Milkwort.*

First record, Bell Salter, 1839.

Native ; pastures, meadow, woods, &c. ; common.

Generally distributed. P. April—October.

Var. *β*. *oxyptera*, *Reich.*

C. Poundbury ; roadside between Evershot and Rampisham, *W. M. Rogers* ; grassy banks adjoining the Fleet, Langton Herring.

G. Slopes of Corfe Castle Hill ; Tilly Whim, *W. M. Rogers*.
Devon, Hants, Somerset, Wilts, Normandy.

116. *P. serpyllacea*, *Weih.* *P. depressa*, *Wend.* *Lesser Common Milkwort.*

First record, Mansel-Pleydell, 1874.

Native ; dry pastures, heaths, and downs ; locally common.

P. April—November.

A. West of Charmouth, *Ridley* and *Fawcett* ; above Lyme Regis ;
Chardstock Heath ; East Bexington.

B. Batecombe Hill ; Duckitt's Moor, *W. M. Rogers* ; Corton Down,
W. Galpin.

C. Evershot ; Moreton Heath ; Lulworth Cove, *W. M. Rogers* ;
pastures, Holworth.

D. Chamberlayne's Heath ; Black Hill Heath, Bere Regis ;
pastures, Alton.

E. Woolland and Ibberton Hill on the south side.

F. Leigh Common, Wimborne, *W. M. Rogers* ; Sutton Holmes,
Bulbarrow ; Deverill Down ; Blandford Racecourse ; Thick-
thorn ; plentiful on the downs between Blandford and
Woodyates.

G. Studland Heath ; down between Dancing Ledge and Tilly
Whim, Swanage.

Devon, Hants, Somerset, Wilts, Normandy.

117. **P. calcarea**, *F. Schultz.* *Chalk Milkwort.*
 First record, Boswell Syme, 1869.
 Native ; chalky and limestone ground ; rare. P. May—June.
- C. Between Evershot and Rampisham, *W. M. Rogers* ; Maiden Castle, *W. Galpin.*
- D. Roadside between Milborne St. Andrews and Dewlish ; Chesilborne Down ; roadside, Dewlish Hill.
- E. Woolland, *W. M. Rogers.*
- F. Blandford, *Boswell Syme* ; Bulbarrow, *W. M. Rogers* ; Badbury ; Spettisbury Castle, *R. P. Murray* ; grassy banks between Longthorns and Winterbourne Whitechurch ; rough ground north-east side of Clenston Wood ; Deverill Down, Milborne St. Andrew ; Hod Hill.
- G. Pastures, Tilly Whim, *W. Borrer* ; roadside between Ulwell and Studland ; Dancing Ledge, Langton Matravers ; Durlston Head, Swanage, and neighbourhood.
 Hants, Wilts, Normandy.

CARYOPHYLEÆ, *Juss.*

SAPONARIA, *Linn.*

118. **S. officinalis**, *Linn.* *Common Soapwort.*
 First record, Pulteney, 1799.
 Denizen ; hedges near villages ; rare. P. July—August.
- A. Pointington, *W. Galpin.*
- C. Tincton, *Mrs. Mary Frampton* ; gardens and lanes, Abbotsbury, *W. Whitwell.*
- D. Hedge bank, Wareham, near the Railway Station.
- F. Lane by the turnpike roadside near Milborne St. Andrews and many places about the village, *Dr. Pulteney.*
 Devon, Hants, Somerset, Wilts, Normandy.

SILENE, *Linn.*

119. **S. Cucubulus**, *Wibel.* *S. inflata*, *Sm.* *Bladder Campion,*
White Bottle (Bletherweed, Dors.)
 First record, Bell Salter, 1839.
 Native ; borders of fields, hedge banks, cultivated ground, &c. ; not common in some districts. P. May—November.
 Generally distributed.
- Var. *β. puberula*, *Syme.*
- A. Hedge between Litton Cheney and Gorwell.
- C. Side of Railway near Upwey Station ; hedge bank between Wyke Regis and the Fleet, *W. B. Barrett.*

- F. Branksome, *W. M. Rogers*; hedge bank, Chescombe Farm; cornfield, Winterbourne Houghton.
- G. Swanage, *W. M. Rogers*; between Ninebarrow Down and Studland, *Ridley* and *Fawcett*.
Devon, Hants, Somerset, Wilts, Normandy.
120. *S. maritima*, *With. Sea Bladder Campion*.
First record, Pulteney, 1799.
Native; sandy and shingly beaches; cliffs near the sea; locally common. P. March—November.
- A. Beach, Lyme Regis, *Pulteney*; Charmouth; Burton Bradstock; Abbotsbury.
Especially abundant on the Chesil Beach, and showing a strong tendency to variation in the colour of the calyx from brownish to bright yellow hues.
- C. Beach, Lodmoor; cliffs and beach, Portland; Lulworth Cove.
- F. Poole, *Pulteney*; North Haven.
- G. Arne, *W. M. Rogers*; Swanage and Studland, *Pulteney*; cliffs and shore, Kimmeridge Bay.
Devon, Hants, Somerset, Normandy.
121. [*S. conica*, *Linn. Striated Campion or Catchfly*.
First record, Mansel-Pleydell, 1891.
Alien; sandy fields; very rare. A. June.
F. Parkstone, *W. H. Molesley*, 1886.]
122. *S. anglica*, *Linn. English Catchfly*.
First record, Pulteney, 1813.
Colonist; sandy soils, especially when under cultivation; frequent on the heath districts of the county; less so elsewhere. A. June—October.
- A. Cultivated ground under Pillesdon Hill.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Waddock Farm, Moreton, *Pulteney*; cultivated ground, Wool; Abbotsbury; cornfields near Hethfelton.
- D. Between Puddletown Wood, *E. Binfield*; Morden, *Pulteney*; cornfield between Bere and Wareham; Cold Harbour, near Wareham; Warren Hill, Milborne St. Andrew; Chamberlayne's.
- E. Woolland, *W. M. Rogers*.
- F. Parkstone; Sturminster Marshall; Verwood; Houghton; Leigh Common; Winterbourne Kingston.
- G. Owre, Arne; Ballard Down, Old Harry; Church Knowle; cornfield above Punfield, Swanage; Studland; Tyneham; Creech Grange; Wareham Heath.
Devon, Hants, Somerset, Wilts, Normandy.

123. **S. nutans**, *Linn. Nottingham Catchfly.*
 First record, Mansel-Pleydell, 1891.
 Native ; sea cliffs ; very rare. P. June—July.
 Old Harry, Studland, *H. Ridley.*
 Hants, Devon, Normandy.

LYCHNIS, *Linn.*

124. **L. Flos-Cuculi**, *Linn. Ragged Robin (Robin Hood, Dors.)*
 First record, Bell Salter, 1839.
 Native ; moist meadows ; common. P. April—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
125. **L. diurna**, *Sibth. Red Campion.*
 First record, Bell Salter, 1839.
 Native ; hedges and woods ; common. P. April—
 November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
126. **L. vespertina**, *Sibth. White Campion (White Robin, Dors.)*
 First record, Bell Salter, 1839.
 Native ; cultivated ground ; common. B. May—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
127. **L. Githago**, *Lam. Corn Cockle.*
 First record, Bell Salter, 1839.
 Colonist ; cornfields ; common. A. June—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

MCENCHIA, *Ehrh.*

128. **M. quaternella**, *Ehrh. Upright Chickweed.*
 First record, Bell Salter, 1839.
 Native ; dry sandy and gravelly places ; frequent on the sandy
 heath districts. A. May—June.
- C. Moreton Heath ; hedge-bank between Moreton North Lodge
 and Waddock ; sandy ground between Wool and Coombe
 Keynes ; between Burton and Wool.
- D. Puddletown Heath, east of Ilsington Wood ; between
 Turner's Puddle and Blackhill, Bere Regis ; Sherford Bridge ;
 Cold Harbour, 2nd milestone on the Wareham and Bere
 Regis main road.

- E. Knacker's Hole, Okeford Fitzpaine.
 F. Daggon's-road station, near Cranborne ; Canford Heath, Parkstone, *W. M. Rogers* ; Ensbury, *J. H. Austen* ; Verwood ; Corfe Mullen.
 G. Swyre Head, west of Encombe ; sandy places, Studland Heath ; Grange Heath.
 Devon, Hants, Somerset, Wilts, Normandy.

CERASTIUM, *Linn.*

129. **C. glomeratum**, *Thuill.* *Broad-leaved Mouse-ear Chickweed.*
 First record, Pulteney, 1813.
 Native ; fields, walls, dry banks, &c. ; common. A. April—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
130. **C. triviale**, *Linn.* *Narrow-leaved Mouse-ear Chickweed.*
 First record, Pulteney, 1813.
 Native ; of varied habits, damp meadows, cliffs, wall-tops, mossy bogs ; common. A. March—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
131. **C. semidecandrum**, *Linn.* *Little Mouse-ear Chickweed.*
 First record, Mansel-Pleydell, 1874.
 Native ; dry sandy places ; locally common, especially in the heath district. A. April—May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
132. **C. tetrandrum**, *Curt.* *Dark-green Mouse-ear Chickweed.*
 First record, Bell Salter, 1839.
 Native ; waste ground, walls and sandy places near the sea ; not common. A. May—August.
 A. Charmouth ; Lyme Regis ; Burton Bradstock.
 C. Cliffs, Smallmouth Sands ; Preston Beach, *W. B. Barrett* ; North Haven, Poole Harbour.
 G. Studland, *W. Borrer* ; Clavell's Hard, Kimmeidge Ballard Down ; Little Sea ; Encombe Cliffs.
 Devon, Hants, Somerset, Wilts, Normandy.
133. **C. pumilum**, *Curt.* *Curtis' Mouse-ear Chickweed.*
 First record, Flora of Dorset, 1874.
 Native ; chalk-downs ; very rare. A. April—May.

On the authority of the late Rev. W. Newbould without giving the locality.

Devon, Hants, Somerset, Normandy.

134. **C. arvensis**, *Linn.* *Field Chickweed.*

First record, Bell Salter, 1839.

Native ; cultivated fields and banks ; rare. P. April—August.

F. Sides of Railway between West Moors and Verwood ; cultivated ground, Deverill, Milborne St. Andrew.

Hants, Somerset, Wilts, Normandy.

STELLARIA, *Linn.*

135. **S. aquatica**, *Scop.* *Great Chickweed.*

First record, Pulteney, 1813.

Native ; wet banks, ditches, and meadows ; frequent. P. June—October.

A. Lyme Regis, *W. Galpin* ; Puncknoll.

B. Bradford Abbas, *Prof. Buckman* ; Chetnole ; Leigh ; Yetminster, *W. M. Rogers* ; riverside, Osborne, near Sherborne.

C. Meadow, Wool Bridge ; Holme ; Nottingham Mill, river bank ; Langton Herring, near the Fleet.

D. Puddletown, *E. Binfield* ; Gore Heath, *W. M. Rogers* ; river bank, Chamberlayne's ; Morden Mill ; Alton Pancras ; Affpuddle

E. Hazelbury Bryan, *W. M. Rogers* ; Holwell, Lydlinch ; Plumber ; Stalbridge.

F. Spettisbury, *E. Binfield* ; Shapwick, *W. M. Rogers* ; Gain's Cross Copse ; Whitechurch Lane ; Sturminster Marshall.

G. Between Calton Barn and Red House, Swanage.

Devon, Hants, Somerset, Wilts, Normandy.

136. **S. media**, *Cyr.* *Common Chickweed.*

First record, Bell Salter, 1839.

Native ; grows everywhere and flowers all the year round.

Generally distributed.

Var. β . *Boræana*. *Alsine pallida*, *Dunemort.*

E. Walls, Stourton Caundle ; Hazelbury Bryan.

F. Cultivated ground Houghton, south side.

G. Wall near Swanage, *R. P. Murray.*

Var. γ . *neglecta*, *Weihe.*

C. Hedge, Bindon Abbey.

F. Longthorns Wood ; Oatclose, Clenston ; Bindon Abbey.

G. Hedge-bank, Redcliff, near Wareham.

Devon, Somerset, Wilts, Normandy.

137. **S. umbrosa**, *Opitz*. S. Elizabethæ, *F. Schultz*. S. media, *β. grandiflora*, *Woods*. *Large-flowered Chickweed*.
First record, J. T. Boswell Syme, 1864.
Native; hedge banks, woods, and copses; frequent. P.
May—August.
- B. Chetnole, *W. M. Rogers*.
C. Dorchester; between Rampisham and Evershot, *W. M. Rogers*; Warr Wood, Abbotsbury, *W. Whitwell*.
E. Copse between the Nag's Head; Mappowder and Melcombe Park; Hazelbury Bryan.
F. Child Okeford, *W. W. Newbould*; Shapwick, *W. M. Rogers*.
G. Wall near Swanage, *R. P. Murray*.
Devon, Hants, Somerset, Wilts, Normandy.
138. **S. Holostea**, *Linn.* *Greater Stitchwort (Snap-Jack, Dors.)*
First record, Pulteney, 1813.
Native; woods and hedge banks; common. P. April—June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
139. **S. palustris**, *Ehrh*; S. glauca, *With.*, *Glaucous Marsh Stitchwort*.
First record, Pulteney, 1813.
Native; moist meadows and boggy places; rare. P. May—September.
A. Swampy place near Loders, *Pulteney*.
F. Meadows towards the river between Spettisbury and Charlton, *Pulteney*; between Littleton and Charlton, *E. K. Chambers*; Shapwick, *R. P. Murray*.
Devon, Hants, Somerset, Wilts, and Normandy.
140. **S. graminea**, *Linn.* *Lesser Stitchwort*.
First record, Pulteney, 1813.
Native; heaths, bushy places, pastures; common. P. May—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
141. **S. uliginosa**, *Murr.* *Bog Stitchwort*.
First record, Pulteney, 1813.
Native; ditches, springs and watery places; common. A. June—August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

ARENARIA.

142. *A. serpyllifolia*, Linn. *Thyme-leaved Sandwort.*

First record.

Native; walls, dry waste places, and cultivated ground. A. June—October.

Generally distributed.

Var. *a. sphaerocarpa*, Ten. *A. serpyllifolia*, Bab. Man., ed. 7, p. 56; common.

Stems stiff, much branched, sepals oval-ovoid, brittle when ripe, fruit pedicels ascending. Dry sandy cultivated ground; banks and walls; not common.

A. Fleet.

B. Ryme and Chetnole, *W. M. Rogers*.

C. Rocks, Portland, under Pennsylvania Castle; Smallmouth Sands.

D. Sandy ground, Shitterton Farm, Bere Regis.

E. Woolland, *W. M. Rogers*; walls, Hazelbury Bryan.F. Shapwick, *W. M. Rogers*; Deveril Down.G. Durlleston Bay, *W. M. Rogers*.

G. Arne, sandy cultivated ground.

Var. *β. leptocladus*, Guss.

Stems longer and weaker, sepals lanceolate, fruit pedicels spreading.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

143. *A. tenuifolia*, Linn. *Fine-leaved Sandwort.*

First record, Pulteney, 1799.

Native; walls, sandy ground, and downs; rare. A. May—June.

B. Bradford Abbas, on sandy ground.

F. Race Down, Pimperne, near the third milestone, *Pulteney* confirmed by *J. W. Green*, 1872.*A. trinervia*, Linn. *Three-nerved Sandwort.*

First record, Pulteney, 1799.

Native; woods, hedge-banks, &c.; common. A. April—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

HONKENYA, *Ehrh.***144. H. peploides**, *Ehrh. Sea Purslane.*

First record, Pulteney, 1799.

Native ; sandy seashores and salt marshes ; not common. P.
May—August.

- A. Bexington Beach ; West Bay, Bridport, Charmouth.
- C. Lodmoor ; sandy spit of land between the Portland Railway Station, and Ferry Bridge ; Chesil Beach, opposite Fleet.
- G. Swanage, *Bell Salter* ; Kimmeridge Bay ; Studland Sands ; Arne, shore on the south side.
Devon, Hants, Somerset, Normandy.

SAGINA, *Linn.***145. S. maritima**, *Don. Sea Pearlwort.*

First record, Bell Salter, 1839.

Native ; seashore, salt waste ground, cliffs ; rare. A. May—September.

- A. Shore, Burton Bradstock ; Chesil Beach, Bexington.
- C. Portland, *W. Borrer* ; sea beach, Holworth ; shore of the Fleet, Langton Herring.
- F. Parkstone ; Poole, *W. M. Rogers*.
- G. Winspit Quarries ; Tilly Whim ; waste ground near Little Sea, Studland ; South Haven, abundant ; Arne.
Devon, Hants, Somerset, Normandy.

146. S. apetala, *Linn. Small-flowered Pearlwort.*

First record, Bell Salter, 1839.

Native ; walls and dry banks ; frequent. A. May—September.

- A. Puncknoll ; Wotton Fitzpaine.
- B. Chetnole ; Leigh, *W. M. Rogers*.
- C. Evershot ; Dorchester ; Puddletown Heath, *W. M. Rogers* ; walls, Abbotsbury, *W. Whitwell* ; walls, Lunatic Asylum, Charminster.
- D. Waste ground, Trigon Hill.
- E. Woolland, *W. M. Rogers*.
- F. Shapwick ; Wimborne, *W. M. Rogers* ; Verwood ; Houghton Wood ; church walls, Winterborne Whitechurch.
- G. Cornfields, Puddle Mill, Church Knowle ; Blackminston, Steeple ; Studland.
Devon, Hants, Somerset, Wilts, Normandy.

147. S. ciliata, *Fries. Fries' small-flowered Pearlwort.*

First record, Mansel-Pleydell, 1874.

Native ; wall tops and dry sandy places ; rare. A. May—June.

- A. Burton Bradstock.
 - C. Blackdown, *W. M. Rogers* ; sandy ground between Parkstone Railway Station and the Potteries ; cultivated ground near Luckford Wood, between Holme and Wool.
 - D. Heath, near Wareham Railway Station, *W. M. Rogers* ; Sherford Bridge, Wimborne.
 - F. Parkstone ; Canford Heath ; Leigh Common ; waste ground near Poole, *W. M. Rogers* ; sandy ground, third milestone on the Poole and Ringwood main road.
 - G. Cultivated ground, Church Knowle ; Punfield ; walls, Arne ; Little Sea, Studland ; Studland Bay ; Luckford, near Holme.
- Devon, Hants, Somerset, Wilts, Normandy.

148. **S. procumbens**, *Linn. Procumbent Pearlwort.*

First record, Bell Salter, 1839.

Native ; waste places and pastures ; common. P. May—September.

Generally distributed.

A fleshy variety described in Grenier et Godron's *Flore de France* as *S. maritima*, grows at Clavell's Hard, Kimmeridge.

Devon, Hants, Somerset, Wilts, Normandy.

149. **S. subulata**, *Presl. Awl-shaped Pearlwort.*

First record, Pulteney, 1799.

Native ; dry sandy, gravelly heaths, pastures ; frequent on the heath districts. A. April—September.

- A. Monkton Wylde, *F. T. Richard*.
 - C. Moreton Heath, *W. M. Rogers* ; Warmwell Heath, *W. B. Barrett* ; Wool Heath ; sandy ground near Ferry Bridge, Portland ; roadside between Bovington and Moreton ; Moreton Heath.
 - D. Roadside near Sherford Bridge ; field near the third milestone, on the Wareham and Bere main road ; Cicely Bridge, Affpuddle ; Warren, near Hyde House.
 - F. Canford, *Pulteney* ; Hamworthy Junction, *W. M. Rogers* ; sandy places, Poole Heath, *Lawson* ; Manaton, near Holt ; Upton ; West Moors.
 - G. Studland sand-hills ; sandy ground, Nordon claypits ; Wareham Heath.
- Devon, Hants, Somerset, Wilts, Normandy.

150. *S. nodosa*, Meyer. *Knotted Pearlwort*.

First record, Pulteney, 1799.

Native; sandy heaths and downs; frequent. P. July—September.

- A. Wet dunghills, Loders, *J. Jones*; Abbotsbury, *Earl of Ilchester*.
- B. Bradford Abbas, *Professor Buckman*.
- C. Rampisham, *Miss Rooke*; Down, near Lulworth Cove, *W. M. Rogers*; sandy sides of road north of Wool Bridge.
- D. Borders of Morden Park Lake; field, near Cold Harbour on the Warcham and Bere main road; Gallows Hill, Bere Regis; boggy ground, near the Church, Bere Regis; Roke meadows.
- F. Deverill Down; Leigh Common, Wimborne; Quarrelston Plantation, near Bryanston.
- G. Little Sea; South Haven.
Devon, Hants, Somerset, Wilts, Normandy.

SPERGULA, Linn.

151. *S. arvensis*, Linn. *Corn Spurrey*.

First record, Pulteney, 1813.

Colonist; sandy but not exclusively cultivated ground; too common in the heath districts of the county to notice. A April—November.

- A. Stone Barrow Hill, Lyme Regis, *H. Fawcett*; cultivated ground under Pillesdon Hill; Charmouth; Whitechurch Canonicorum.
- B. Bradford Abbas, *Professor Buckman*; frequent in the neighbourhood of Sherborne.
- C. Cultivated ground south side of Wyke Regis, *W. B. Barrett*; Evershot; West Lulworth; Rampisham, *W. M. Rogers*; Down above Bincombe, *W. Whitwell*.
- D. Chamberlayne's.
- E. Waste ground in a plantation, Woolland; cultivated ground between Okeford Fitzpaine and Sturminster Newton.
- F. Between Sturminster Marshall and Lytchett, *E. Binfield*; La Lee, Winterborne Whitechurch; cultivated ground, Houghton, near the Great Wood; West Parley; Warren Hill, Milborne St. Andrew.
- G. Worth Matravers; Westfield, Kimmeridge.
The variety *S. vulgaris*, *Bening*, is the usual form met with in the county.
Devon, Hants, Somerset, Wilts, Normandy.

LEPIGONUM, *Fries.*

152. **L. salinum**, *Fries.* *Spergularia neglecta*, *Syme.* A. genuinum. L. C., *Lesser Sea Sandwort-Spurrey.*

First record, Bell Salter, 1839.

Native; salt marshes, borders of estuaries, and wet sandy ground near the sea; locally frequent. A. B. or P. May—October.

- A. Bridport Harbour; Chesil Bank, Fleet; shore, Burton Bradstock; East Bexington; shore, Abbotsbury Castle, *W. Whitwell.*
- C. Poole, *Bell Salter*; Lodmoor, near Weymouth; Weymouth Backwater; Portland, Pennsylvania, and at the Bill.
- F. Salt marshes, Parkstone; near Hamworthy Junction, Poole, *W. M. Rogers*; shore of Poole Harbour, plentiful; Rockley Point, Lytchett; Lulworth Cove; between Portland and Ferry Bridge.

Var. β . *salina*, *Syme.*

G. Arne.

Var. γ . *media* *Syme.*

- D. Salt marsh, Keyworth, near Wareham.
Devon, Hants, Somerset, Normandy.

153. **L. marginatum**, *Koch.* *Greater Sea Sandwort-Spurrey.*

First record, Mansel-Pleydell, 1874.

Native; wet salt marshes; locally frequent. B. or P. June—October.

- A. Shore, Burton Bradstock; Swannery, Abbotsbury; East Bexington.
- C. Salt marsh, Hamworthy Junction, Poole, *W. M. Rogers*; Weymouth Backwater; Lodmoor; sandy spit of land between the Railway Station and Ferry Bridge, Portland; Chesil bank, opposite Fleet; North Haven; Lulworth Cove.
- F. Shore, Lytchett Bay, *Ridley* and *Fawcett.*
- G. Swanage; Arne; Owre; cliffs, Tilly Whim.
Devon, Hants, Somerset, Normandy.

154. **L. rupestre**, *Kindb.* *Rock Sea Sandwort, Spurrey.*

First record, Mansel-Pleydell, 1874.

Native; cliffs and rocks near the sea; very rare. P. June—August.

- C. Rocks below Pennsylvania Castle, Portland.
Devon, Hants, Normandy.

155. L. rubrum, *Fries. Field Sandwort-Spurrey.*

First record, Pulteney, 1813.

Native ; sandy places and heaths ; frequent. A. May—September.

- A. Loders, *J. Jones* ; Stonebarrow Hill, Lyme Regis, *W. Fawcett* ; shore of the Fleet, Abbotsbury.
- C. Sandy ground, Backwater, Weymouth ; East Stoke heath ; Worgret, near Wareham ; Moreton Heath ; sandy ground near the Wareham Station.
- D. Puddletown Heath ; Chamberlayne's ; Morden ; Sherford Bridge.
- F. Parkstone ; only introduced with gravel in garden walks at Shapwick ; Branksome ; Broadstone, *W. M. Rogers* ; Pamphill, Wimborne ; Upton, near Poole ; cultivated ground, West Moors.
- G. Sand hills, Studland ; Kimmeridge Bay ; Creech and Nordon claypits ; cultivated ground, Arne.
Devon, Hants, Somerset, Wilts, Normandy.

LINEÆ, D.C.**LINUM**, *Linn.***156. L. usitatissimum**, *Linn. Common Flax.*

First record, Bell Salter, 1839.

Casual ; occasionally in cultivated ground ; rare. A. July—August.

- A. Bridport.
- C. Between Evershot and Cattistock, *W. M. Rogers*.
- F. Cultivated ground, La Lee, Whatcombe.
Devon, Hants, Somerset, Wilts, Normandy.

157. L. angustifolium, *Huds. Narrow-leaved Flax.*

First record, Pulteney, 1799.

Native ; dry pastures, downs, waysides ; locally frequent, especially near the sea. P. May—September.

- A. Charmouth, *F. T. Richard* ; banks above the beach between Swyre and Abbotsbury Castle, *Whitwell* ; Whitchurch Canonicorum, *W. M. Rogers* ; abundant on rough ground between Puncknoll, Bexington, and Abbotsbury ; dry pastures above Burton Bradstock ; Chardstock.
- C. Abbotsbury, *Pulteney* ; Preston, *W. B. Barrett* ; Sandsfoot Castle, *J. W. Hulke* ; near the Ferry Bridge, Portland ; banks of Backwater, and Nothe, near Weymouth ; Portland roadside from the Railway Station to the Verne.

- E. Stalbridge, *Mrs. Allen*.
 F. Leigh Common, Wimborne; Sutton Holms, *W. M. Rogers*;
 Holt; Sturminster Marshall, *R. P. Murray*; Verwood,
 near the Railway Station; Kinson.
 G. Roadside, Kimmeridge Hollow; Creech claypits; Punfield
 Cliff; roadside between Corfe Castle and Halfway House;
 downs near Dancing Ledge and Seacombe, Langton
 Matravers; sandy ground south side of Nine-barrow Down;
 Steeple; banks between Ulwell and Swanage; Studland.
 Devon, Hants, Somerset, Wilts, Normandy.

158. **L. catharticum**, *Linn.* *Purging Flax* (*Fliz. Dors.*)

First record, Pulteney, 1813.

Native; dry pastures, meadows, and woods; common. A.
 June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

RADIOLA, *Gmel.*

159. **R. millegrana**, *Sm.* *Thyme-leaved Flax-seed*, *All-seed*.

First record, Pulteney, 1799.

Native; gravelly and damp sandy places on heaths; frequent.
 A. June—October.

- C. Puddletown Heath, *W. M. Rogers*; Moreton Heath.
 D. Heath, near Sandford Bridge, *Pulteney*; Chamberlayne's
 Heath; Bloxworth Heath, under Woodbury Hill;
 Black Hill, Bere Regis; Sherford Bridge.
 F. Near Hamworthy Junction; salt marsh, Parkstone, *W. M.*
Rogers; Verwood and Alderholt; West Moors.
 G. Wareham; Studland and Povington heaths; Owre; Little
 Sea, Studland.
 Devon, Hants, Somerset, Wilts, Normandy.

MALVACEÆ, *Br.*

MALVA, *Linn.*

160. **M. moschata**, *Linn.* *Musk Mallow*.

First record, Pulteney, 1813.

Native; woods, hedge-banks; frequent on the limestone and
 chalk districts of the county. P. June—October.

- A. Lodgers, *Pulteney*; Eggardon Hill, *E. Fox*; hedges about
 Bridport; Symondsburry; Wootton Fitzpaine; Chardstock.
 B. Chetnole, *W. M. Rogers*; Bradford Abbas, *D. Stephens*;
 Sherborne, *F. W. Galpin*; Rampisham.

- C. Woods, Upper Sydling, *F. W. Galpin* ; Kingcombe Wood.
 E. Shaftesbury, and the lane going towards Knoyle, *Pulteney* ;
 Stalbridge, *Mrs. Allen* ; Castle Hill, Mappowder ; Stoke
 Wake.
 F. Lane between Crawford and Shapwick ; Mr. Pleydell's woods,
 woods near Whatcombe, *Pulteney* ; Houghton Wood ;
 Little Wood ; Down House ; Clenston Wood ; Longthorns ;
 banks of Stour, West Parley.
 G. Langton Matravers, *W. M. Rogers* ; cliffs, Durleston, Swanage ;
 Rempstone Wood ; Ulwell ; Goat Arne.
 A variety occurs in Clenston Wood, the leaves of which are
 simply lobed, showing no tendency to becoming tripartite or
 bipennatifid.
 Devon, Hants, Somerset, Wilts, Normandy.

161. **M. sylvestris**, *Linn.* *Common Mallow.* (*Cheese-cake, Dors.*)
 First record, Bell Salter, 1839.

Native ; waste places, waysides ; common. P. June—
 November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

162. **M. rotundifolia**, *Linn.* *Dwarf Mallow.*

First record, Pulteney, 1813.

Native ; waste places and waysides, near human habitations ;
 frequent. P. May—September.

A. Roadside between Lyme Regis and Uplyme ; Symondsburry ;
 Askerswell.

B. Bradford Abbas, *D. Stephens*.

C. West Lulworth, *E. Binfield* ; Upwey.

D. Shitterton, Bere Regis ; Chamberlayne's ; Sandford.

E. Fifehead Neville, *W. M. Rogers*.

F. Dagon's Road Station, *W. M. Rogers* ; Durweston ; White-
 church ; La Lee, Whatcombe ; Sturminster Marshall.

G. Roadside under Corfe Castle ; Studland sands and village ;
 Stoborough ; hamlet of Crecch ; under Wareham Bridge.

Devon, Hants, Somerset, Wilts, Normandy.

ALTHÆA, *Linn.*

163. **A. officinalis**, *Linn.* *Marsh Mallow.*

First record, Pulteney, 1799.

Native ; Marshes near the sea ; rare. P. July—Sep-
 tember.

- C. Abbotsbury Swannery, *A. E. Eaton*; hedge near the Fleet, Wyke Regis. It grows abundantly on the shore of the Fleet from the Swannery to Langton Herring. Of this plant, Dr. Pulteney says:—"On the seashore in several parts of Purbeck; in Poole Harbour, North Coast, and, as I have been informed, about Portland and by the Fleet of Chesil Bank. I believe it to be extinct except "by the Fleet of Chesil Bank."
Devon, Hants, Somerset, Normandy.

164. [*A. hirsuta*, *Linn.* *Hairy Mallow.*
First record, Mansel-Pleydell, 1891.
Alien; cultivated and waste ground; rare. A. May—July.
C. Weymouth, embankment near the Railway Station, *Miss Payne.*
F. Sides of cultivated downland, Dunbury, Houghton.
Somerset, Normandy.]

LAVATERA, *Linn.*

165. *L. arborea*, *Linn.* *Tree Mallow.*
First record, Ray, 1724.
Native; maritime rocks; rare. P. July—September.
A. Lyme Regis, *F. T. Richard*; ballast heap, Bridport Harbour.
C. Portland, *Ray*; West Lulworth.
G. Kimmeridge.
Probably extinct in a wild state, but still grows in gardens in the neighbourhood of the sea.
"It is recorded by Ray in Bishop Gibson's edition of Camden as a native of Portland and of Chesil Bank, where it still continues to be found, and from thence has been introduced into the gardens and villages of the island and the neighbourhood," *Pulteney.*
166. [*L. sylvestris*, *Brot.*
First record, Mansel-Pleydell, 1885.
See "Proceedings Dorset Natural History and Antiquarian Field Club," vol. vi., p. 76.
Alien; waste ground; rare. A. or B. June—September.
G. Waste places near Wareham.
This plant was first observed in the Scilly Islands by Mr. Curnew in 1873. In 1876 it is described as becoming an abundant and troublesome weed. The discoverer and other Cornish botanists were satisfied that it is a native of the Scilly Islands. I found the plant growing vigorously near Wareham for three consecutive years, in the meanwhile

it had extended itself some little distance. Portugal is its head quarters. It is found in Normandy and Spain, also in the Azores and Canary Islands.]

HYPERICINEÆ, D.C.

HYPERICUM, Linn.

167. **H. Androsæmum**, Linn. *Tutsan*.

First record, Pulteney, 1799.

Native; hedges and woods; frequent; shrub. May—August.

- A. Charmouth, *Ridley* and *Fawcett*; vales of Marshwood and Poorstock; hedges between Lyme Regis and Uplyme, *E. Fox*; Wotton Fitzpaine; Symondsbury; Netherbury; Jordan's Lane, Loders; Bettiscombe.
- B. Chetnole; Batcombe; Leigh, *W. M. Rogers*; Lillington, Sherborne, *F. W. Galpin*.
- C. Between Evershot and Rampisham; Abbotsbury, *W. M. Rogers*; Evershot; Hook Park; hedges between Wyke Regis and the Fleet.
- D. Lane on the west side of Shitterton Farm House; Bere Wood; Copse above Cicely Bridge, Affpuddle; hedge-bank between Bloxworth and the Poole main road.
- E. Glanville's Wootton, *C. W. Dale*; Butterwick, *F. W. Galpin*.
- F. Chace Wood; Crichel Wood, *Pulteney*; Lytchett Minster, *Ridley* and *Fawcett*; Tarrant Rushton, *E. K. Chambers*; between Verwood and Daggen's Road station; Oatclose Wood, Clenston; Delcombe Wood; Alderholt.
- G. Grange Wood, *Pulteney*; Langton Wood, *W. M. Rogers*; hedge-bank between East and West Lulworth; Barnston Copse, Steeple; Rempstone; Arne.
Devon, Hants, Somerset, Wilts, Normandy.

168. **H. perforatum**, Linn. *Dotted-leaved St. John's Wort*.

First record, Bell Salter, 1839.

Native; woods and hedge-banks; common. P. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

169. **H. tetrapterum**, Fries. *H. quadratum*, Linn. *Square-stalked St. John's wort*.

First record, Bell Salter, 1839.

Moist pastures, sides of ditches, river banks; common. P. July—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

170. **H. quadrangulum**, *Linn.* *H. dubium*, *Leers.* *Imperfoliate St. John's Wort.*

First record, Mansel-Pleydell, 1891.

Native ; moist woods and hedge-banks ; very rare. P. July

- F. Hedge-banks east of Daggen's Road station, *T. R. A. Briggs* ; wood in the same neighbourhood.

Devon, Hants, Somerset, Wilts, Normandy.

171. **H. humifusum**, *Linn.* *Trailing St. John's Wort.*

First record, Pulteney, 1799.

Native ; heaths, woods, grassy places ; frequent. P. June—October.

- A. Hedge-banks, Lyme Regis.

- B. Bradford Abbas, *D. Stephens* ; Honeycombe Wood, Sherborne, *F. W. Galpin.*

- C. Between East and West Lulworth, *Ridley* and *Fawcett* ; Fordington Fields, *A. White* ; Moreton Heath ; waste ground under Whiteway hill, Lulworth.

- D. Badger's-earth Wood, Shitterton ; sandy places, Chamberlayne's ; roadside, Sherford Bridge.

- E. Hod and Hambleton Hills, *Pulteney* ; Grange Wood, Buckland Newton ; sides of railway between Stalbridge and Sturminster Newton.

- F. Cranborne Chace ; Milldown, Blandford, *Pulteney* ; Clenston Wood ; Longthorns ; Sutton Holms, Parkstone ; Verwood.

- G. Cliffs, seashore, Studland ; Tilly Whim ; Rempstone ; White-way Farm, Tyneham ; Arne ; Povington, Holme ; Arne.

Devon, Hants, Somerset, Wilts, Normandy.

172. **H. pulchrum**, *Linn.* *Small upright St. John's Wort.*

First record, Pulteney, 1799.

Native ; dry woods, heaths, bushy places, and commons ; common. P. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

173. **H. hirsutum**, *Linn.* *Hairy St. John's Wort.*

First record, Pulteney, 1799.

Native ; woods, thickets, and hedges ; common. P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

174. **H. montanum**, *Linn. Mountain St. John's Wort.*
 First record, Pulteney, 1799.
 Native ; bushy places, woods ; rare. P. July—August
 C. Between East and West Lulworth, *W. M. Rogers.*
 F. Langton Copse, Blandford, *Pulteney.*
 G. Creech Grange Wood, *Pulteney* ; hedges between Church
 Knowle and Corfe Rectory, *O. L. Mansel* ; Langton
 Matravers, *Bell Salter* ; both sides of the chalk range,
 opposite Creech.
 Devon, Hants, Somerset, Wilts, Normandy.
175. **H. elodes**, *Huds. Marsh St. John's Wort.*
 First record, Pulteney, 1799.
 Native ; spongy bogs ; common throughout the heath districts
 of the county. P. July—August.
 In flower at Bournemouth, October 7th, 1890, *R. P. Murray.*
 Devon, Hants, Somerset, Wilts, Normandy.

ACERINEÆ, *D.C.*

ACER, *Linn.*

176. **A. Pseudo-platanus**, *Linn. Sycamore.*
 First record, Bell Salter, 1839.
 Denizen ; hedges, plantations ; tree. May—June.
 Its introduction dates from a very early period.
 Devon, Hants, Somerset, Wilts, Normandy.
177. **A. campestris**, *Linn. Common Maple.*
 First record, Bell Salter, 1839.
 Native ; woods, thickets, and hedges ; common ; sm. tree.
 May—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

TILIACEÆ, *Juss.*

Tilia, *Linn.*

178. **T. intermedia**, *D.C. T. europæa*, *Bab. Common Lime.*
 First record, Mansel-Pleydell, 1891.
 Denizen ; plantations, parks, &c., invariably planted ; tree.
 July—August.
 "May simply be a cultivated variety of *T. grandiflora*," *Watson.*
 Devon, Hants, Somerset, Wilts, Normandy.

179. **T. parvifolia**, *Ehrh.* *Small-leaved Lime.*

First record, J. Aubrey, 1691.

Native? woods; rare. July—August.

Probably wild in the Chace Woods. Ray, in a letter to Mr. J. Aubrey dated August 5th, 1691, says: "As to Lime trees I must advertise you that in Bedfordshire there are woods where are thousands of them. In Cranborne Chace (*Dorset*) are very few and they know not their name." Correspondence of John Ray, Ray Society, p. 237. Devon, Hants, Somerset, Wilts, Normandy.

180. **T. platyphyllos**, *Scop.* *T. grandiflora*, *Ehrh.* *Large-leaved Lime.*

First record, Bell Salter, 1839.

Denizen; woods and plantations; rare. July—August.

- F. Bryanston Drive between the House and the first Lodge to Durweston; Milborne St. Andrew Manor House. Devon, Hants, Wilts, Normandy.

GERANIACEÆ, *D.C.*GERANIUM, *Linn.*181. [**G. phæum**, *Linn.* *Dusky Crane's Bill.*

First record, Bell Salter, 1839.

Alien; woods and thickets; rare. P. May—June.

- A. Castle Mill, Poorstock, *E. Fox.*
 D. Bingham's Melcombe Grove, *C. W. Bingham.*
 Devon, Hants, Somerset, Wilts, Normandy.]

182. **G. pratense**, *Linn.* *Blue Meadow Crane's Bill.*

First record, Pulteney, 1799.

- A. Netherbury, *E. Fox.*
 B. Borders of woods and meadows, Bradford Abbas; banks of the river Yeo, Osborne.
 C. "It is not unfrequent by the side of the Frome," *Pulteney*; Toller Fratrum, *E. Fox*; meadow near Woolland Wood, *C. W. Bingham.*
 D. Meadow, East Morden, near the Chapel.
 E. Harpits Farm, Kington Magna, *W. Galpin*; banks of Stour, Sturminster Newton; roadside between Fifehead and Sturminster Newton; Ashmore; near Melbury, on the upper road from Blandford to Shaftesbury; Donclyffe.
 F. Durweston; Houghton Wood; Delcombe Wood. Devon, Hants, Somerset, Wilts, Normandy.

183. **G. pyrenaicum**, *Linn. Mountain Crane's Bill.*

First record, Mansel-Pleydell, 1874.

Native? hedges and pastures; rare. P. May—September.

- F. Hedge-banks, Blandford, extending more than half-a-mile on the Dorchester main road; hedge-banks near Starve-all Farm, Spettisbury; roadside between Blandford Cemetery and Litton Lodge gate, Pimperne; roadside between Whitechurch and Whatcombe; hedge-bank between Blandford and Sir W. Smith Marriott's Upper Lodge; hedge-bank on the west side of Littleton House on the highway leading to the Blandford and Dorchester main road. Devon, Hants, Somerset, Wilts, Normandy.

184. **G. pusillum**, *Linn. Small-flowered Crane's Bill.*

First record, Pulteney, 1813.

Native; waste ground, roadsides; not common. A. April—October.

- A. Bridport, *Mrs. Reid*.
 B. Bradford Abbas, *D. Stephens*.
 C. Railway Station, Wool; Lulworth Cove, *W. M. Rogers*; hedge-bank between East Burton and Moreton.
 D. Grassy edges of allotments near the Wareham Railway Station.
 E. Woolland.
 F. Near Canford, *T. R. A Briggs*; between Parkstone and Kingston; roadside, third milestone on the Poole and Ringwood Road; Leigh Common, Wimborne; near Poole lane on east side; Parkstone, *W. M. Rogers*; La Lee, Whatcombe.
 G. Studland; Nordon claypits. Devon, Hants, Somerset, Wilts, Normandy.

185. **G. columbinum**, *Linn. Long-stalked Crane's Bill.*

First record, Pulteney, 1813.

Native; hedge-banks and pastures; frequent. A. June—November.

- A. Woods, Poorstock, *E. Fox*; hedge-bank, Wambrook.
 B. Bradford Abbas, *Prof. Buckman*; Ryme, *W. M. Rogers*; field near Gashouse, Sherborne, *F. W. Galpin*.
 C. Wool Heath, *W. M. Rogers*; between Evershot and Batcombe, *F. W. Galpin*; bushy places between Martinstown and Blackdown Hill; Portland.
 D. Sandy lane east of Wareham railway station; Shitterton Farm, Bere Regis; Chamberlayne's.
 E. Buckhorn Weston, *W. Galpin*; Ibberton; Buckland Newton.

- F. Branksome Park, Bournemouth, *W. M. Rogers*; Clenston Wood; Longthorns; Whitechurch allotments; Houghton; Thorncombe; Milborne St. Andrew; Verwood.
- G. Encombe; Kimmeridge; Church Knowle; Ulwell; hedge-banks near Old Harry, Studland; Langton Matravers quarries; Swanage.
- Devon, Hants, Somerset, Wilts, Normandy.

186. **G. molle**, *Linn. Soft Crane's Bill.*

First record, Bell Salter, 1839.

- Native; dry pastures and waste places; common. A.
April—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

187. **G. dissectum**, *Linn. Jagged-leaved Crane's Bill.*

First record, Pulteney, 1813.

- Native; hedge-banks, pastures, waste places; common. A.
May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

188. **G. lucidum**, *Linn. Shining Crane's Bill.*

First record, Pulteney, 1799.

- Native; walls, hedge-banks, locally frequent; rare upon the chalk.
- A. Walls, Lodders, *Pulteney*; Burton Bradstock, *Ridley* and *Fawcett*; Lyme Regis, *F. T. Richard*.
- B. Sherborne, *Pulteney*; Bradford Abbas, *Prof. Buckman*; Yetminster; Leigh; Chetnole; Ryme, *W. M. Rogers*; Elworth, near Broadway, *W. Whitwell*.
- C. Portland weirs; Upwey, near the Church; West Stafford, *W. B. Barrett*; Evershot; West Lulworth, *W. M. Rogers*; Minterne, near the church; Kingcombe Wood.
- D. Lane between Alton and Plush.
- E. Walls, Stalbridge; walls, Shaftesbury, *Pulteney*; near Holnest, on the road to Castle Hill.
- F. Near Blandford, *W. M. Rogers*; Clenston Wood, south side, adjoining the Common; Park wall near Delcombe Head.
- G. Ruins, Corfe Castle, *W. Borrer*; Langton Matravers quarries, *L. Lester*; rocks, St. Alban's Head.
- Devon, Hants, Somerset, Wilts, Normandy.

189. **G. Robertianum**, *Linn. Herb Robert.*

First record, Bell Salter, 1839.

Native ; hedge-banks, bushy and stony places ; common. A.
April—November.

Var. *β. purpureum*, *Mill*, *Geranium lucidum saxatile, foliis Geranii Robertiani, Ray*.

First record, Ray, 1724.

C. Walls, Fordington, *W. B. Barrett*.

G. Border of field at the base of the chalk-range between Punfield and Ulwell, *Ridley* and *Fawcett*.

“ ’Tis of the saxatile kind, having frequent Joints. In several places near the shore. I have found it near *Swanning* in *Dorsetshire*,” *Dr. Sherard*. Ray’s Synopsis, 3rd ed., p. 358. Devon, Dorset, Somerset, Wilts, Normandy.

ERODIUM, *L’Herit.*

190. *E. maritimum*, *L’Herit (Sm.) Sea-Stork’s Bill*.

First record, Pulteney, 1799.

Native ; sandy and gravelly places on and near the coast ; rare. P. May—September.

A. Cliffs near Bridport Harbour, *J. Jones*.

C. Top of Chalk cliff, west of Lulworth Cove, *J. Woods* ; Sandsfoot Castle, *F. W. Galpin* ; Holworth Cliff and White Nose, abundant ; Chesil Bank, opposite Fleet.

F. About Poole and the flats elsewhere, *J. Jones*.

G. Hedge-banks, Studland, old road to Rempstone ; Little Sea, abundant.

Devon, Hants, Somerset, Normandy.

191. *E. moschatum*, *L’Herit. Musk Stork’s Bill*.

First record, Pulteney, 1813.

Denizen ; cultivated fields, waste places ; rare. May—October.

A. Neighbourhood of Bridport, *J. Jones*.

B. Chetnole, *W. M. Rogers*.

F. Houghton, waste ground near the Stubbs.

Devon, Hants, Somerset, Wilts, Normandy.

192. *E. cicutarium*, *L’Herit. Common Stork’s Bill*.

First record, Pulteney, 1813.

Native ; waste and cultivated ground ; common. A.
April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

BALSAMINEÆ, A. Rich.**IMPATIENS, Linn.**

193. [**Noli-tangere, Linn.** *Yellow Balsam.*
First record, Pulteney, 1799.
Alien; shady damp places; rare. A. July—September.
F. Dean's Court Wimborne, Pulteney; now extinct.]
Hants, Somerset, Wilts, Normandy.

OXALIDEÆ, D.C.**OXALIS, Linn.**

194. **O. Acetosella, Linn.** *Common Wood Sorrel (Sleeping Beauty, Dors.) (Bournemouth).*
First record, Bell Salter, 1839.
Native; woods and shady places; common. A. March—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
195. [**O. corniculata, Linn.** *Procumbent Yellow Wood Sorrel.*
First record, Pulteney, 1813.
Alien or casual; cultivated ground; rare. A. June—September.
A. A weed in the Rectory garden, Bridport, *J. Jones.*
C. Chetnole, *W. M. Rogers*; garden, Moreton House, abundant and persistent.]
Devon, Hants, Wilts, Normandy.
196. [**O. stricta, Linn.** *Upright Yellow Wood Sorrel.*
First record, Mansel-Pleydell, 1874.
Alien or casual; cultivated ground; rare. B. June—September.
F. Cultivated ground, Milborne Styleham; Winterborne Kingston; garden, Longthorns, abundant and persistent.]
Devon, Hants, Wilts, Normandy.

CELASTRINEÆ, Br.**EUONYMUS, Linn.**

197. **E. europæus, Linn.** *Spindle Tree (Skiver wood, Dors.)*
First record, Bell-Salter, 1839.
Native; hedges and woods; common. Shrub. April—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ILEX, *Linn.*

198. I. *Aquifolium*, *Linn. Holly.*

First record, Aubrey, 1678.

Native; woods, hedges, downs, &c.; common; tree. April—June.

Generally distributed.

“Holy is indifferently common in Malmesbury Hundred; also on the borders of the New Forest; it seems to indicate *pitt crale*. In Wardour Park are holy trees that bare yellow berries; I think I have seen the like in Cranborne Chace.” *J. Aubrey, Natural History of Wiltshire.*

Devon, Hants, Somerset, Wilts, Normandy.

RHAMNÆ, *Br.*

RHAMNUS, *Linn.*

199. R. *catharticus*, *Linn. Common Buckthorn.*

First record, Pulteney, 1799.

Native; hedges and thickets; shrub; frequent usually in hedge-rows in the chalk districts of the county. April—June.

- A. White Hill and Big Wood, Little Bredy, *A. E. Eaton.*
 - B. Hedge-rows, Bradford Abbas, *Professor Buckman*; Ryme; Yetminster; Chetnole, *W. M. Rogers*; Osborne, Sherborne, *F. W. Galpin.*
 - C. Maiden Newton, *W. M. Rogers.*
 - D. Lane between Druce and Chesilborne; hedge south of the Industrial School, Milborne St. Andrew; hedge, Bryant's Piddle.
 - E. Bailey Ridge, *W. M. Rogers*; Glanville's Wootton, *J. C. Dale*; Donclyffe Wood.
 - F. Hedges, Shapwick; Sturminster Marshall, *W. M. Rogers*; hedges and thickets, Winterborne Whitechurch; Milborne St. Andrew; hedges about Blandford; Tarrant Monckton; Crawford; Spettisbury; Eastbury Park; Crichel Wood, *Pulteney*; hedges leading to the racecourse from Blandford; Charlton Marshall; Chescombe, Milton Abbas; Clenston Down under Heathyfield Copse; down, Down House; between Dewlish and Milborne St. Andrew; Cherry Lane, Thorncombe; Stourpaine Bushes; Houghton, upper road to Bulbarrow.
- Devon, Hants, Somerset, Wilts, Normandy.

200. **R. Frangula**, *Linn. Alder Buckthorn.*

First record, Pulteney, 1799.

Native ; moist woods and thickets ; frequent in the heath districts of the county ; shrub. May—June.

A. Fernhill, Chardstock, *Mrs. Reid* ; bushy waste ground, All Saints, Chardstock.C. East Stoke, *E. Fox* ; Puddletown Heath, *W. M. Rogers*.D. Gore Heath, *W. M. Rogers* ; meadow, east of Chamberlayne's Bridge ; Morden Park, south side ; side of stream, Hyde Lodge, on the Bere and Wareham main road.

E. Holwell, Lydlinch.

F. Manaton Wood, near Holt ; Sutton Holms, Alderholt.

G. Between Wareham and Slape, *H. Fisher* ; Studland ; Arne ; Luckford, Holme.

Devon, Hants, Somerset, Wilts, Normandy.

LEGUMINOSÆ, *Juss.***ULEX**, *Linn.*201. **U. europæus**, *Linn. Common Furze, Whin.*

First record, Bell Salter, 1839.

Native ; heaths, downs, commons, waste places ; common. Shrub. December—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

202. **U. Gallii**, *Planch, non Le Gall. Planchon's Furze.*

First record, Mansel-Pleydell, 1874.

Native ; heaths, downs, commons, waste places, common on the Chalk and Greensand districts of the county, frequent on the heath districts, especially so on the eastern side of the county. Shrub. P. August—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

203. **U. nanus**, *Forst. Dwarf Furze.*

First record, Pulteney, 1813.

Native ; dry heaths, abundant, occasionally on the chalk downs. Shrub. August—November.

Generally distributed.

Devon, Hants, Wilts, Normandy.

GENISTA, *Linn.*204. **G. tinctoria**, *Linn. Dyer's Green Weed. Wood Waxen.*

First record, Pulteney, 1813.

Native ; pastures, thickets, and borders of fields ; frequent.
Shrub. May—September.

- A. Between Monckton Wylde and Charmouth, *F. T. Richard* ; pastures under Eggardon Hill, *E. Fox* ; Shipton Hill, *J. Jones* ; pastures near Hook Park ; Witherstone Common ; Wotton Fitzpaine, Bettiscombe ; Whitechurch Canonicorum ; Poorstock ; Wambrook ; Honey Hill, Chardstock.
- B. Bradford Abbas, *Prof. Buckman* ; Thornford, *F. W. Galpin* ; fields on right hand side of Yeovil and Dorchester main road, Ryme ; Yetminster ; Chetnole, *W. M. Rogers* ; Beer Hacket, *D. Stephens* ; Melbury Park ; East Hill, Milborne Port.
- C. Field, north-west of Cemetery, Weymouth ; Portisham ; Bincombe, *W. B. Barrett* ; East Lulworth, between Bindon Abbey and the sea, *Ridley* and *Fawcett* ; field at the back of Lodmoor ; cliffs east of Lulworth Cove (procumbent with glabrous pods), *W. M. Rogers*.
- D. Sandy ground between Chamberlayne's Bridge and Hyde ; near Radclyffe East Lodge on the Bere and Wareham main road.
- E. River side near Fiddleford ; Glanvilles Wootton, *J. C. Dale* ; under Bulbarrow and Mappowder, *E. Binfield* ; by Bailey Ridge, *W. M. Rogers* ; Buckhorn Weston, *W. Galpin* ; pastures, Melcombe Park ; Okeford Fitzpaine ; near Conygar Copse, between Fifehead and Ibberton ; Sturminster Common.
- F. Under Bradley Wood ; Stickland Common, *E. Binfield* ; Shapwick ; Sturminster Marshall, *W. M. Rogers* ; Alderholt ; pastures, Verwood ; West Moors ; Deverill Farm, near the Industrial School ; pastures near Manaton Water, Holt.
- G. Swanage, near the Coastguard Station ; pastures, Church Knowle ; common throughout the whole of the Wealden Valley between Swanage and Steeple ; pastures on the Corfe river, below Corfe Castle.
A procumbent form with glabrous pods on the cliff, east of Lulworth Cove ; Wyke Regis.
Devon, Hants, Somerset, Wilts, Normandy.

205. **G. anglica**, *Linn. Needle Green-Weed, Petty Whin.*
First record, Pulteney, 1799.

Native ; moist heaths and boggy places ; locally frequent.
Shrub. May—June.

- A. Bog, Chardstock Common.

- C. Heath and Common between Whiteway Hill and East Lulworth, *Ridley* and *Fawcett* ; Buckland Ripers ; Toller, near the railway station ; heath between Moreton Higher Lodge and Waddon ; Moreton Heath.
- D. Chamberlayne's Heath.
- E. Holnest Common, *W. M. Rogers* ; Lyllinch Common ; wet pastures, near Cruchley Copse, Melcombe Park ; boggy ground, Grange Woods ; pastures, Middlemarsh.
- F. Near Hamworthy Junction, *W. M. Rogers* ; Leigh Common, near Wimborne ; Bailey Gate, railway-bank, south side ; West Parley Heath, sides of railway near Daggen's Road station ; West Moors.
- G. Creech Grange Heath ; Wareham Heath ; Povington Heath. Devon, Hants, Somerset, Wilts, Normandy.

CYTISUS, *Linn.*

206. **C. scoparius**, *Link.* *Common Broom.*
 First record, Pulteney, 1799.
 Native ; dry and sandy places ; frequent especially in the heath districts. Shrub. March—July.
- A. Lyme Regis, *E. Fox.* Charmouth.
 - B. Bradford Abbas, *Prof. Buckman.*
 - C. Lodmoor, *J. W. White* ; railway embankment, Frampton, *F. W. Galpin* ; Evershot, *W. M. Rogers* ; railway bank, east of Wareham, *W. Whitwell* ; Moreton.
 - D. Morden, *Pulteney* ; Bere Wood, *W. M. Rogers* ; bank on the road side between Bere Regis and Wareham ; Hyde.
 - E. Butterwick, *J. C. Dale.*
 - F. In the hollow way at Melbury near Shaftesbury, and at Motcombe, *Pulteney* ; Alderholt.
 - G. Swanage ; Studland ; Nordon clay pits. Devon, Hants, Somerset, Wilts, Normandy.

ONONIS, *Linn.*

207. **O. arvensis**, *Linn.* *Procumbent Rest-Harrow.* (*Dors. Cammock.*)
 First record, Bell Salter, 1839.
 Native ; barren pastures, borders of fields, roadsides, sandy shores and cliffs.
- Var. **a.** *inermis*, *Lange.*
 Generally distributed.
- Var. **β.** *horrida*, *Lange*, rare.
- A. Burton Bradstock ; Abbotsbury ; Charmouth.

- G. Pastures, Tyneham, near Shoemaker's Lane.
Devon, Hants, Somerset, Wilts, Normandy.
208. **O. spinosa**, *Linn. Upright Rest-Harrow.*
First record, Bell Salter, 1839.
Native ; pastures and rough waysides ; not common. P.
June—September.
- A. Pastures, Bettiscombe ; Marshwood.
B. Pastures, between Beer Hackett and Thornford, *F. W. Galpin* ; Leigh, *W. M. Rogers*.
C. Buckland Ripers.
E. Henstridge, *F. W. Galpin* ; Buckhorn Weston, *W. Galpin* ;
pastures, Lockett's Farm, Hazelbury Bryan, also Hazelbury
Common ; Lydlinch Common ; Newton, on the road-side to
Okeford Fitzpaine.
F. Roadside between Cranborne and Daggen's Road station.
Devon, Hants, Somerset, Wilts, Normandy.

ANTHYLLIS, *Linn.*

209. **A. vulneraria**, *Linn. Common Kidney Vetch.*
First record, Pulteney, 1799.
Native ; pastures and waste places, sea cliffs ; frequent. P.
May—September.
- A. Shipton Hill, *J. Jones* ; Burton Bradstock ; Poorstock,
W. M. Rogers ; Charmouth ; coast, east of Lyme Regis,
Ridley and *Fawcett* ; Eggardon Hill ; Whitechurch
Canonicorum ; beach, Bexington.
B. Roadside between Sherborne and Bradford Abbas, *D. Stephens*.
C. Moreton Heath ; Upwey ; Maiden Newton ; Frampton,
W. M. Rogers ; coast from Durdle Door, Lulworth
to Osmington, abundant, *Ridley* and *Fawcett* ; escarpment
of down above Abbotsbury, *W. Whitwell* ; Maiden Castle ;
Banks of the Fleet, Wyke Regis ; Chesil Bank, opposite
Langton Herring, &c. ; Nothe, Weymouth ; Portland ;
Ridgeway Hill.
D. Roadside between Bere Regis and Winterbourne Kingston ;
Longbottom Plantation, Piddletrenthide ; Chamberlayne's ;
hedgebanks between Bere Regis and Affpuddle ; between
Alton and Plush.
E. Woolland.
F. Hambledon and Hod Hills ; Nutford, *Pulteney* ; Deverill Down ;
Chescombe Farm ; Houghton ; Ibberton Down.

- G. Swanage; Bradle; Creech; Langton Matravers quarries; Studland; Corfe Castle; abundant between Dancing Ledge and Tilly Whim.
Devon, Hants, Somerset, Wilts, Normandy.

MEDICAGO, *Linn.*

210. **M. lupulina**, *Linn. Black Medick.*
First record, Pulteney, 1813.
Native; waste and cultivated ground; common. A. or B.
April—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
211. **M. maculata**, *Sibth. Spotted Medick.*
First record, Withering, 1801.
Native; meadows, pasture, waste places; common in the neighbourhood of the sea. A. April—September.
A. West of Bridport, *Withering*; pastures and cliffs, Lyme Regis; Burton Bradstock; West Bexington.
B. Bradford Abbas, *Prof. Buckman.*
C. Dry sandy places about Tinctleton and Woodsford, *Pulteney*; Sandsfoot Castle, *W. M. Rogers*; Radipole; Nothe, Weymouth; Backwater, Lodmoor; Abbotsbury.
D. Wareham Railway Station, *W. M. Rogers*; hedge banks and roadside on the Wareham and Bere Regis main road.
F. Poole, *W. M. Rogers*; Deverill Farm, Milborne St. Andrew; Parkstone.
G. Corfe Castle, *W. Borrer*; pastures and grassy slopes of cliffs, Kimmeridge; Worth Matravers; Chapman's Pool.
Devon, Hants, Somerset, Wilts, Normandy.
212. **M. denticulata**, *Willd. Reticulated Medick.*
First record, Bell Salter, 1839.
Native; waste ground; usually near the sea; rare. A.
May—September.
A. Bridport, *Mrs. Reid*; Burton Burstock, *F. T. Richard.*
C. Sparingly near the Ferry Bridge, *G. S. Gibson*; fields between Abbotsbury and the Chesil Bank near the Castle, *W. Whitwell*; cliffs, Sandsfoot Castle, Weymouth; sides of railway between the terminus and Radipole; grassy places on the north side of Portland.
D. Sandford lane, near the Wareham Station.
F. Poole, near the Railway Station; Ham Ballast Quay, Poole.

G. Freshwater Bay, Encombe, *W. Borrer*; Eggleston Hill, Tyneham; grassy cliffs, Kimmeridge Bay; Winspit; Godlingston, near Swanage; cliffs, Chapman's Pool; cultivated ground on the south side of Nine Barrow Down. Devon, Hants, Somerset, Wilts, Normandy.

213. [*M. falcata*, *Linn.* *Yellow Lucerne.*

First record, Bell Salter, 1839.

Alien; sandy and gravelly soil; rare. P. June—August.

B. Bradford Abbas, *D. Stephens.*

F. Near the Railway Station, Poole.]

214. [*M. sativa*, *Linn.* *Common Lucerne.*

First record, Bell Salter, 1839.

Casual or alien; frequently sown as food for cattle and occasionally found to linger in fields, more especially on dry ground near the coast.—*Watson Cyb. Brit.*, p. 497. P. June—September.

A. Charmouth, where it has permanent possession of the pastures adjoining the sea cliffs on the east side.

C. Quarry, Portland, *W. Whitwell.*

Devon, Wilts.

MELILOTUS, *Juss.*

215. *M. altissima*, *Thuill.* *M. officinalis*, *Willd.* *Common Yellow Melilot.*

First record, Pulteney, 1813.

Denizen; bushy places, waysides; frequent. B. or P. June—October.

A. Eype Cliff, Bridport, *E. Fox*; roadside between Puncknoll and Litton Cheney; banks of the river Bredy; between Poorstock and Witherston Wood; Lyme Regis; Burton Bradstock; West Bexington.

B. Beer Hackett, *W. M. Rogers*; Cliff wood, Bradford Abbas, where it is so plentiful that it is cut for hay. *D. Stephens*; Honeycombe Wood.

C. Whitehill and Portesham road and elsewhere about Abbotshbury, *W. Whitwell*; cliffs, Sandsfoot Castle, *W. B. Barrett*; between Campdown and Weymouth, *E. Binfield*; Preston road, Lodmoor; Abbotshbury, abundant on the grassy lanchets.

D. Hedges, Puddletown; Warren Hill, Milborne St. Andrew.

E. Roadside between Hartman Hill and Gillingham, *W. Galpin*; Stalbridge, *Mrs. Allen*; plantation south of Woolland; Stourton Caundle; roadside between Mappowder and Nag's Head Inn; Fifehead Neville; Shillingstone.

- F. Durweston Bridge ; under Hod Hill, *E. Binfield* ; Winterborne Whitechurch ; Chescombe ; Houghton ; roadside between Cranborne and Daggen's Road station.
- G. Goat-Arne, Poole Harbour ; Swanage.
Devon, Hants, Somerset, Wilts, Normandy.
216. [**M. alba**, *Desr.* **M. vulgaris**, *Willd.* *White Melilot.*
First record, Bell Salter, 1839.
Colonist ? cultivated ground and waste places ; rare. June—July.
- A. Waste sandy ground, Bridport Harbour.
- F. Ham Ballast Quay, *Bell Salter* ; rubbish heap, S. Western Potteries, Parkstone, *W. M. Rogers* ; cultivated ground, Chescombe Farm, adjoining Deverill Down.
Hants, Somerset, Wilts, Normandy.]
217. [**M. officinalis**, *Desr.* **M. arvensis**, *Wallr.* *Field Melilot.*
First record, Mansel-Pleydell, 1874.
Alien ; cultivated ground and borders of fields ; rare. P. August—September.
- D. Border of cultivated ground near the Industrial School, Milborne St. Andrew, *R. P. Murray* ; Warren's Hill, Milborne St. Andrew.
- F. Cultivated ground north of Longthorns ; Cleunston Farm, field adjoining the Down House down.
Hants, Somerset, Normandy.]
218. [**M. parviflora**, *Lam.* *Small-flowered Melilot.*
First record, Mansel Pleydell, 1891.
Casual ; cultivated ground ; rare. A. May—September.
- F. Parkstone, border of Nursery, *W. M. Rogers.*
Normandy.

TRIGONELLA, *Linn.*

219. **T. ornithopodioides**, *D.C.* *Bird's-foot Fenugreek.*
First record, Gibson, 1844.
Native ; dry grassy banks near the sea ; rare. A. May—July.
- C. Chesil Bank, close to Portland and at Portland, *G. S. Gibson.*
- D. Heath, near the Wareham Railway Station, *W. M. Rogers.*
- F. Salt-marsh, Parkstone ; Leigh Common, Wimborne, *W. M. Rogers.*
- G. Little Sea, Studland, *J. Woods* ; shore and grassy slopes, Kimmeridge Bay.
Devon, Hants, Somerset, Wilts, Normandy.

TRIFOLIUM, *Linn.*220. **T. subterraneum**, *Linn. Subterranean Trefoil.*

First record, Pulteney, 1799.

Native ; dry pastures ; heaths and sandy ground ; frequent.

A. May—June.

A. Stonebarrow Down ; Lyme Regis ; Charmouth, *Ridley* and *Fawcett* ; cliffs, Eype, near Bridport.B. Bradford Abbas, *Prof. Buckman*.C. Cliffs on the north side of Sandsfoot Castle, *W. B. Barrett*.

D. Puddletown Heath ; sandy ground between Turner's Puddle and Shitterton ; between Chamberlayne's Bridge and Fillioles ; roadside on the Wareham and Bere main road near the Railway Station ; sandy lane leading to Sandford ; Cold Harbour ; Black Hill, Bere Regis ; Sherford Bridge ; Milborne St. Andrew.

F. Windmill Point, Poole, *Pulteney* ; Parkstone, *W. M. Rogers* ; Mill Down, Blandford, *Pulteney* ; Seldown, Poole, *Bell Salter* ; railway bank between Lytchett and Poole ; Leigh Common, Wimborne.

G. Kimmeridge Hill ; pastures near the Preventive Station, Kimmeridge ; Cliffs, Old Harry, Studland ; sandy pastures, East Creech.

Devon, Hants, Somerset, Wilts, Normandy.

221. **T. pratense**, *Linn. Common Purple Clover.*

First record, Bell Salter, 1839.

Native ; meadows, pastures, roadsides ; common. P. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

222. **T. repens**, *Linn. Dutch Clover.*

First record, Bell Salter, 1839.

Native ; meadows, pastures, roadside, &c. ; Common. P. April—September.

This species is particularly subject to a reversion of the outer whorls of the flower to leaves, and to having foliaceous ovules springing from an exposed leafy carpel.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

223. **T. medium**, *Linn. Zigzag Trefoil.*

First record, Pulteney, 1799.

Native ; pastures, woods, hedgebanks ; not common. P. April—September.

- A. Lyme Regis, *F. T. Richard*; copse, Wambrook; Puncknoll Wood; pastures under Eggardon Hill, west side; Bettiscombe; Marshwood; Charmouth.
- B. Ryme, *W. M. Rogers*; Cliff Wood, *D. Stephens*; hedgebanks, roadside, above Honeycombe Wood.
- C. Backwater and cliffs, Weymouth, *G. S. Gibson*; Evershot, *W. M. Rogers*; Chesil Bank opposite Wyke; Backwater, Radipole.
- E. Fifehead Neville, *W. M. Rogers*; Piddle Wood, Sturminster Newton; Lydlinch Common.
- F. Dagen's Road station, *W. M. Rogers*; pastures, Verwood; meadows, Durweston.
- G. Abundant on rough pastures in the valley between Corfe Castle and Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

224. **T. maritimum**, *Huds. Teasel-headed Trefoil.*

First record, Pulteney, 1799.

Native; sea cliffs and grassy places near the sea; rare.
June—July.

- C. Abbotsbury, side of road leading to the Castle, *W. Whitwell*; not uncommon about the salt marshes near Weymouth, *Pulteney*; Backwater and cliffs, Radipole, *G. S. Gibson*; frequent on the grassy lanchets, Portland; edges of the cliff north of the East Lighthouse, Portland; cliffs, Sandsfoot Castle; Lodmoor.
- F. Poole, *Pulteney*.
Devon, Hants, Somerset, Normandy.

225. **T. arvense**, *Linn. Hare's-foot Trefoil.*

First record, Bell Salter, 1839.

Native; dry sandy places and cultivated ground; not common. A. June—August.

- B. Bradford Abbas, *Prof. Buckman*; banks of the Yeovil Railway Junction, *W. M. Rogers*; common in the neighbourhood of Sherborne, *F. W. Galpin*.
- C. Moreton Heath, *W. M. Rogers*; sandy ground between the Chesil Beach and the Portland Ferry Bridge, also at the Fleet, *W. B. Barrett*; Abbotsbury, *A. E. Eaton*; Abbotsbury, roadside leading to the Castle, *W. Whitwell*.
- D. Chamberlayne's; cultivated ground, Keysworth, near the salt marshes.
- F. Parkstone; Branksome, Bournemouth; Westmoors, *W. M. Rogers*; sandhills, North Haven; cultivated ground, Alderholt.

G. Sandbanks, Studland Bay ; Arne ; cultivated ground, Redcliff, near Wareham ; Nordon claypits ; Owre.

Var. *β. maritimum*, *Townsend*. Procumbent, heads globose, mostly with nearly white flowers.

G. Sandbanks, Studland Bay.

"This variety is doubtless the 'Lagopus perpusillus supinus perelegans' of Ray in his Synopsis, ed. 3, p. 330, with a plate, t. 14 fig. 2, and probably noticed by Lobel. Provenit prope castrum maritimum miliare a Portsmouth."—
"Townsend's Flora of Hampshire, 1883, p. 88."

Devon, Hants, Somerset, Wilts, Normandy.

226. **T. scabrum**, *Linn.* *Rough rigid Trefoil.*

First record, Pulteney, 1813.

Native ; dry sandy places and roadsides ; frequent. A.
May—August.

- A. Lyme Regis, *F. T. Richard* ; beach, Burton Bradstock, *Pulteney*.
- C. Chesil Bank, *E. Fox* ; Abbotsbury, *A. E. Eaton* ; sandy ground near the Ferry Bridge, Portland ; Smallmouth Sandbanks, near the second stream, *W. B. Barrett* ; quarries, Linton Hill, Abbotsbury, *W. Whitwell*.
- D. Sandy lane, between the Wareham railway station and Sandford ; Blackhill, Bere Regis.
- F. Edges of cultivated fields, west of Salterna, Poole.
- G. Corfe Castle, abundant on the neighbouring heaths, *W. M. Rogers* ; Swanage Bay ; roadside, Ulwell ; grassy slopes, Kimmeridge Bay ; St. Alban's Head ; frequent on the range of hill between Encombe and Tyneham Cap ; Povington Heath ; Bradle Down ; Punfield ; Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

227. **T. striatum**, *Linn.* *Soft-knotted Trefoil.*

First record, Pulteney, 1799.

Native ; dry pastures and waysides ; not common. A.
May—July.

- C. Cultivated ground near West Knighton Heath, *W. B. Barrett* ; heath, south of Wareham railway station, *W. M. Rogers* ; edges of cultivated ground between Radipole and Lodmoor ; Buckland Rippers ; sides of railway, west of the Poole Station.
- D. Sandy ground, Sherford Bridge ; cultivated ground on the western slopes of Bere Field ; banks and waste ground east of the Wareham railway station ; sandy ground on the south-west side of the station.

- F. Branksome, Bournemouth ; Poole, *W. M. Rogers* ; Verwood ; Leigh Common, near Wimborne.
 G. Corfe Castle ; Swanage, *W. M. Rogers* ; St. Alban's Head, *W. Borrer* ; South Haven ; Studland ; Cocknowle ; Creech.

Var. *β. erectum*, *Leight*.

F. Verwood.

Devon, Hants, Somerset, Wilts, Normandy.

228. **T. glomeratum**, *Linn.* *Smooth round-headed Trefoil.*

First record, Pulteney, 1799.

Native ; gravelly heaths, sandy hedgebanks, and waste ground ; locally frequent. A. June—July.

- A. Lyme Regis, just within the county border, *F. T. Richard*.
 C. Sandy banks, Moreton Heath, on the East Burton side.
 D. Hedgebank, Bestwall ; Parkstone, *W. M. Rogers* ; hedgebank on the Bere Road near the Wareham railway station and in the adjoining lane leading to Sandford.
 F. Sandy soil, Poole and Canford Heath, *Pulteney* ; sandy ground, Parkstone, in the direction of Longfleet ; leyfield, west of Salterns, Poole.
 G. Studland, *J. Woods* ; hedge banks between the village and Old Harry ; abundant in the neighbourhood ; sandy ground north-west of Little Sea ; South Haven ; Rempstone Heath.

Devon, Hants, Somerset, Wilts, Normandy.

229. **T. suffocatum**, *Linn.* *Dense-flowered Trefoil.*

First record, *W. M. Rogers*, 1884.

Native ; sandy places, especially in the neighbourhood of the coast ; very rare. A. May—July.

- D. Heathy ground south-east of Wareham railway station, in considerable quantity, *W. M. Rogers*.
 F. Parkstone, *W. M. Rogers*.
 G. Studland Bay, *W. M. Rogers*.

Devon, Hants, Somerset (extinct ?), Normandy.

230. **T. hybridum**, *Linn.* *Alsike Clover.*

First record, Mansel-Pleydell, 1874.

Denizen ; pastures, sides of roads, and fields ; with clover distributing itself largely in the county. P. July—September.

- A. Poorstock, *W. M. Rogers* ; Lyme Regis, *F. T. Richard*.
 B. Beer Hackett, *D. Stephens*.
 C. Fleet estuary ; between Wyke Regis and Lynch.

- F. Parkstone; Hamworthy railway station; Sturminster Marshall, *W. M. Rogers*; Chescombe Farm; railway bank, Wimborne; cultivated ground near Weston's Wood, Whatcombe; Quarrelston, Bryanston; roadside between Cranborne and Daggen's Road station.
- A. Studland Bay; Corfe Castle, *W. M. Rogers*; cultivated ground between Dancing Ledge and Langton Matravers. Devon, Hants, Somerset, Wilts.
231. **T. fragiferum**, *Linn.* *Strawberry-headed Trefoil.*
First record, Pulteney, 1799.
Native; meadows and pastures, grassy waysides; frequent. P. June—September.
- A. Pastures between Bridport and the Harbour; West Cliff, Bridport; beach, West Bexington; Lyme Regis.
- B. Chetnole; Yetminster; Batcombe; Leigh; south-west corner of Melbury Park, *W. M. Rogers*; Bradford Abbas, *Prof. Buckman.*
- C. Common about Weymouth, *Pulteney*; Evershot, *W. M. Rogers*; beach, Abbotsbury, and near the village; shore of the Fleet; abundant, Lodmoor; Friars Waddon; West Lulworth; Upwey.
- D. Pastures, Chamberlayne's; roadside between Roke Farm and Bere Regis; waste place near the Industrial School, Milborne St. Andrew.
- E. Woolland, *W. M. Rogers*; roadside west of Piddle Wood, *R. P. Murray*; roadside, Holwell; Stoke Wake Common; between Folke and Bishop's Caundle.
- F. Near Hamworthy Station; salt marshes, Parkstone, *W. M. Rogers*; Shapwick, *R. P. Murray*; Sturminster Marshall.
- G. Ulwell; Swanage, *W. M. Rogers*; Stoborough Meadows; pastures and waste places, Kimmeridge; Blackminston, Steeple; South Haven; shore, Studland. Devon, Hants, Somerset, Wilts, Normandy.
232. **T. procumbens**, *Linn.* *Hop Trefoil.*
First record, Bell Salter, 1839.
Native; dry banks, roadsides, waste ground; common. A. April—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
233. **T. dubium**, *Sibth.* *Lesser Yellow Trefoil.*
First record, Bell Salter, 1839.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

234. **T. filiforme**, *Linn. Slender Yellow Trefoil.*

First record, Flora of Dorset, 1874.

Native; dry pastures and downs; less common than the above.

A. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

235. [**T. resupinatum**, *Linn. Reversed-flowered Trefoil.*

First record, Bell Salter, 1830.

Alien; waste places; appearing occasionally. A. May—July.

E. On the shore at Ham to the rest of the rope wall, *Bell Salter.*

Of this plant Mr. Bell Salter says: "In 1831 I discovered this second British station at the east end of the rope-walk, close by the Anchorage at Ham. From specimens which I have distributed to different Botanists, it is now generally known to grow near Poole, though a great mistake prevails as to its frequency and abundance." *W. A. Bromfield M.S.* and *Sir W. Hooker*, in the fourth edition of his *British Flora*, gives it as found "in meadows about Poole." These circumstances are correctly stated in the Supplement to the "English Botany," in the text accompanying Tab. 2789, which is taken from a specimen I sent Mr. Sowerby in 1834. I fear from its being so near the Ballast Quay it can scarcely be considered indigenous, and I am sorry also to add that of late it has been entirely extinct. *Bell Salter, Botany of Poole.*

Normandy.

LOTUS, *Linn.*236. **L. corniculatus**, *Linn. Common Bird's-foot Trefoil.*

First record, Bell Salter, 1839.

Native; pastures, waste places; banks, &c.; common. P. May—August.

Var. *g. crassifolius*, *Pers.*

C. Sandsfoot, near Weymouth.

G. Cliffs, Kimmeridge Bay.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

237. **L. tenuis**, *W. and K. Slender Bird's-foot Trefoil.*

First record, Bell Salter, 1839.

Colonist? grassy banks, new pastures, sea cliffs.

C. Shore, Backwater, Radipole, near the railway station.

- E. Stalbridge, *Mrs. Allen*.
 F. Ensbury, *J. H. Austen*.
 G. Cliffs, Charnell, Kimmeridge Bay.
 Devon, Hants, Somerset, Wilts, Normandy.
238. **L. uliginosus**, *Sibth.* **L. major**, *Scop.* *Marsh Bird's-foot Trefoil.*
 First record, Bell Salter, 1839.
 Native ; moist heaths and bushy places ; common.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
239. **L. hispidus**, *Desr.* *Short-podded small Bird's-foot Trefoil.*
 First record, J. Woods, 1848.
 Native ; hedge banks and waste grassy places ; rare. A.
 May—June.
 F. Lilliput, Poole Harbour, *J. Woods* ; plentiful on the sides
 of the railway between the Poole Station and Broadstone ;
 leyfield, Chescombe Farm.
 G. Descending into Studland on the Poole side, *J. Woods* ;
 hedgebanks between the village and Old Harry ; roadsides
 descending from Rempstone.
 Devon, Hants, Normandy.

ASTRAGALUS, *Linn.*

240. **A. glycyphyllos**, *Linn.* *Sweet Milk Vetch.*
 First record, Pulteney, 1799.
 Native ; woods and bushy places on chalk ; rare. P.
 June—July.
 "About hedges and the borders of cornfields, but not
 common. I have seen a few plants of it several times, but
 nowhere in plenty."—*Pulteney*.
 F. Hedge between Ashmore and Rushmore, *T. Bury*.
 Somerset, Hants, Wilts, Normandy.

ORNITHOPUS, *Linn.*

241. **O. perpusillus**, *Linn.* *Least Bird's-foot.*
 First record, Pulteney 1799.
 Native ; sandy and dry ground ; abundant in the heath
 districts of the county ; uncommon elsewhere. A. May—
 July.
 A. Abbotsbury Castle, *Earl of Ilchester* ; cliffs, Charmouth,
E. Fox ; Burton Bradstock.

- D. Sandy ground, Sherford Bridge ; Chamberlayne's ; Ilsington Heath ; Black Hill, Bere Regis ; sandy lane leading Sandford, east side of Wareham railway station.
- F. Mill Down, Blandford, *Pulteney* ; Branksome, Bournemouth Parkstone, *W. M. Rogers* ; leyfield west of Salterns, Poole ; Verwood.
- G. Grange Heath, *Ridley* and *Fawcett* ; sandhills, Studland ; Arne ; Redcliff, near Wareham ; Povington Heath. Devon, Hants, Somerset, Wilts, Normandy.

HIPPOCREPIS, *Linn.*

242. **H. comosa**, *Linn.* *Horse-shoe Vetch.*
First record, Pulteney, 1799.
Native ; pastures, downs, banks ; common. P. May—September.
- A. Bridport ; Beaminster, *E. Fox*.
- B. Goathill, Sherborne, *F. W. Galpin* ; White Hill, Abbotsbury, *W. Whitwell* ; banks of chalk quarry.
- C. Eastern side of Portland, *Pulteney* ; Poundbury ; Maiden Castle, *W. M. Rogers* ; Ringstead, *Ridley* and *Fawcett* ; Portesham ; meadow, Backwater, Radipole ; Ridgeway Hill ; sandy ground between Portland railway station and Ferry Bridge.
- D. Bingham's Melcombe ; Hilton, near the lime-kiln ; Plush ; Chesilborne ; Deverill Down and Industrial School, Milborne St. Andrew.
- E. On the high chalk hills of Dorset that bound the northern part of the county from Woodyates to Shaftesbury ; Ashcombe ; Melbury Hill, *Pulteney* ; road-side near Shillingstone ; Ashmore ; Ibberton, south side.
- F. Hod and Hambleton Hills ; Mill Down, Blandford ; Park Wood, Houghton.
- G. South side of Grange Hill ; Kimmeridge Hill ; Durleston cliffs ; pastures above Seacombe ; Bradle Down ; Flower's Barrow.
Devon, Hants, Somerset, Wilts, Normandy.

ONOBRYCHIS, *All.*

243. **O. sativa**, *Lam.* *Common Sainfoin.*
First record, Pulteney, 1799.
Native? pastures ; chalky banks, borders of fields where chalk prevails ; not common. P. May—September.
- A. Cliffs, Charmouth.
- B. Railway banks, Bradford Abbas, *Prof. Buckman*.

- C. East Lulworth ; Arish Mill ; Portland.
 - D. Bingham's Melcombe, banks near the lime-kiln ; waste ground near the Industrial School ; Castle Rings, Milborne St. Andrew ; Bere Fields.
 - E. Woolland, *W. M. Rogers* ; Harpert's Farm, Kington Magna, *W. Galpin* ; Stalbridge, *Mrs. Allen*.
 - F. Railway-cutting between Wimborne and Bailey Gate ; Winterborne Whitechurch Farm.
 - G. Ballard Down, Studland, *Ridley* and *Fawcett* ; Gadcliff ; grassy lanchets above Dancing Ledge, Langton Matravers ; Seacombe ; roadside between Ulwell and the turn-off to Studland.
- Devon, Hants, Somerset, Wilts, Normandy.

VICIA, Linn.

244. **V. sylvatica, Linn. Wood Vetch.**
 First record, Pulteney, 1799.
 Native ; woods and bushy places ; not common. P. June—August.
- A. Poorstock and in the valley of Mythe, *E. Fox* ; Honeycombe Wood, *F. W. Galpin*.
 - B. Bradford Abbas ; Clifton Wood, *Prof. Buckman* ; Batcombe, *T. O. Marshall* ; Remedy Wood, Minterne.
 - C. Portland, Undercliff, *H. E. Fox* ; Yellowham Wood, *Mrs. M. Frampton*.
 - E. Hedgebank going down Stoke Hill from Bulbarrow, *Pulteney* ; wood west of Dogberry Gate, Hilfield, *W. M. Rogers*.
 - F. Houghton Wood ; Delcombe Wood ; Ibberton Park.
 - G. Talbot's Wood, Langton Matravers, *J. H. Austen* ; Rempstone Wood, *O. L. Mansel*.
- Devon, Hants, Somerset, Wilts, Normandy.
245. **V. Cracca, Linn. Tufted Vetch.**
 First record, Bell Salter, 1839.
 Native ; woods and bushy places ; common. P. June—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
246. **V. lathyroides, Linn. Spring Vetch.**
 First record, Pulteney, 1799.
 Native ; dry pastures and grassy places ; very rare. A. April—June.
- B. Sandy banks, Bradford Abbas, sparingly, *Prof. Buckman*.

- C. Weymouth, *T. G. Cullum*.
 F. [In a cornfield on the side of Hambledon Hill, *Pulteney*.
 G. In Purbeck and about Wareham, sparingly, *Pulteney*.]
 Punfield, Swanage, *Ridley* and *Fawcett*.
 (The specimens labelled *V. lathyroides* in Pulteney's
 Herbarium in the British Museum, are not this plant.)
 Hants, Somerset, Wilts, Normandy.

247. *V. sativa*, *Linn.* *Common or cultivated Vetch.*
 First record, Bell Salter, 1830.

- Casual ; borders of fields ; roadsides and woods ; common.
 A. or B. April—July.
 Generally distributed, although found in all the districts.
 Its casual character is evident, by its inability to keep a
 permanent hold on the soil in the struggle for life against
 more powerful competitors.
 Devon, Hants, Somerset, Wilts, Normandy.

248. *V. angustifolia*, *Roth.* *Common Wild Vetch.*

Var. *a. segetalis*, *Thuill.*

- First record, Bell Salter, 1830.
 Native ; dry banks ; grassy and sandy places ; common.
 A. May—July.
 Generally distributed.

• Var. *β. Bobartii*, *Forst.*

- First record, Mansel-Pleydell, 1874.
 B. Yetminster, *W. M. Rogers* ; sandy ground between Sherborne
 and Corton, *F. W. Galpin*.
 C. About Dorchester ; Moreton Heath, *W. M. Rogers* ; sandy
 places between Poole and Parkstone.
 D. Sandy ground, Morden ; lane between Wimborne railway
 station and Sandford ; near Sherford Bridge ; Chamber-
 layne's ; Spring copse, Bere Regis ; near Radcliffe Lodge on
 the Wareham and Bere main road ; Cold Harbour,
 Wareham.
 G. Creech clay-pits ; Arne ; sandy ground, Wareham Heath,
 east of Redcliff.
 Devon, Hants, Somerset, Wilts, Normandy.

249. *V. lutea*, *Linn.* *Rough-podded Yellow Vetch.*

- First record, Hudson, 1798.
 Native ; sandy places ; cliffs generally near the sea ; rare.
 P. June—August.

Found by Mr. Hudson at Weymouth, soon after the publication of his Flora, *Pulteney*.

- B. Bradford Abbas ; plentiful on a sandy hedgebank, *Prof. Buckman*.
 C. Weymouth, *Hudson* ; beach at Lodmoor ; near Sandsfoot Castle, field on the cliffs, *G. S. Gibson* ; backwater, Radipole, near the railway station ; cliffs, Sandsfoot Castle.

Devon, Somerset, Wilts, Normandy.

250. [**Sub-sp. lævigata**, *Sm.* *Smooth-podded Sea Vetch*.

First record, Hudson, 1798.

On the pebble beach near Weymouth, *now extinct*.

“ I have seen no specimens besides those in the Smithian Herbarium, which contains both the wild plants from Weymouth, and larger cultivated examples from Dr. Goodenough’s garden. The Weymouth specimens of *Vicia lutea* in Smith’s Herbarium approach *Vicia lævigata*, and it is very desirable that the resemblance should be further investigated by botanists in that neighbourhood.”
T. B. Syme.]

251. **V. sepium**, *Linn.* *Bush Vetch*.

First record, Bell Salter, 1839.

Native ; woods, hedgebanks, and bushy places ; common.

P. April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

252. **V. bithynica**, *Linn.* *Bithynian Vetch*.

First record, Hudson, 1798.

Native ; bushy places, especially near the sea.

- A. Beach, Lyme Regis, *J. Jones*, plentiful there in 1883.

- C. In a field half-way between Weymouth and Portland Ferry, by the sea, *E. Lambert* ; waste ground near the railway terminus, Radipole ; Sandsfoot Castle.

Devon, Somerset, Normandy.

253. **V. hirsuta**, *Koch.* *Hairy Tare*.

First record, Pulteney, 1813.

Native ; cultivated and waste ground ; common. A. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

254. **V. tetrasperma**, *Moench.* *Four-seeded slender Tare.*
 First record, Bell Salter, 1839.
 Native ; cultivated and waste ground, hedgebanks ; common.
 A. May—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
255. **V. gracilis**, *Lois.* *Many-seeded slender Tare.*
 First record, Mansel-Pleydell, 1874.
 Colonist ; cultivated ground and waste places ; rare. A.
 May—August.
 B. Bradford Abbas and on the road to Sherborne, *Prof. Buckman.*
 C. Cornfields, Portland, *G. S. Gibson* ; roadside between
 Linton Hill and Wall Down, Abbotsbury, *W. Whitwell.*
 G. Waste places between Puddle Mill and West Orchard,
O. L. Mansel
 Devon, Hants, Somerset, Wilts, Normandy.

LATHYRUS, *Linn.*

256. **L. Aphaca**, *Linn.* *Yellow Vetchling.*
 First record, Pulteney, 1799.
 Colonist ; sandy and gravelly places ; frequent. A. May—
 August.
 A. Lodders, *Pulteney* ; Gorwell, *A. E. Eaton* ; lane between
 Burton Bradstock and Bothenhampton, *Mrs. Reid.*
 B. Bradford Abbas, *Prof. Buckman* ; abundant near Wyke,
G. S. Gibson ; roadside between Milborne Port and the
 railway station.
 C. About Weymouth, *Pulteney* ; Ridgeway Hill, *Mrs. Mary*
Frampton ; fields, Wyke Regis and Chickerell ; Portland
 Ferry Bridge near high-water mark, *W. B. Barrett* ; near
 Abbotsbury Castle ; cultivated land, Portland ; Wyke Regis.
 F. Cultivated land, Nutford ; Langton Farm ; Spettisbury Field,
Pulteney ; hedgebank near the railway bridge between
 Durweston and Stourpaine.
 G. Swanage, *J. C. Dale* ; Gadcliff, *O. L. Mansel* ; Durweston Bay ;
 between Seacombe and St. Alban's Head ; Dancing Ledge,
Ridley and Fawcett ; Ulwell, *E. Holmes* ; Punfield, Swanage.
 Devon, Hants, Somerset, Wilts, Normandy.
257. **L. Nissolia**, *Linn.* *Grass-leaved Vetch.*
 First record, Pulteney, 1799.
 Native ; bushy places and borders of fields ; rather rare and
 not persistent. A. May—June.

- A. Near Bridport, *Pulteney*; Swyre, *W. Boulton*; Stoke Ford, *W. M. Rogers*.
 - B. Between Yetminster and Bailey Ridge; Chetnole, on the road to Leigh, *W. M. Rogers*; hedgebank, Elsford Hill, between Ryme and Closworth, *Prof. Buchman*; Beer Hackett, *D. Stephens*.
 - C. Roadside between Linton Hill and Wall Down, Abbotsbury, *W. Whitwell*; growing abundantly on the west of Portland Ferry, *Bell Salter*; cornfields about Weymouth, *Pulteney*; north of Sandsfoot Castle near the shore; field near Wyke Regis, *H. Groves*; Lodmoor, *W. M. Rogers*; grassy places, Holworth Cliff.
 - E. Kington Magna, *W. Harding*; Stalbridge, *Mrs. Allen*; Fifehead Neville, *W. M. Rogers*; Hazelbury Bryan.
 - F. Charlton Marshall, *E. K. Chambers*; border of cultivated ground, Nutford, *Pulteney*; Sturminster Marshall; railway bank near Bailey Gate station, *E. F. Linton*.
 - G. Hedges, West Orchard, *O. L. Mansel*; grassy places, Gadeliff; hedgebanks, Kimmeridge; border of cultivated ground, South Eggleston.
- Devon, Hants, Somerset, Wilts, Normandy.

258. **L. pratensis**, *Linn.* *Meadow Vetchling.*

First record, Bell Salter, 1839.

Native; woods, hedgebanks, pastures; common. P.
June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

259. **L. sylvestris**, *Linn.* *Narrow-leaved Everlasting Pea.*

First record, *Pulteney*, 1799.

Native; woods and thickets, hedges; rare and local. P.
June—August.

- A. Near Bridport, east end, *Pulteney*; cliffs between Charmouth and Lyme Regis; between Chideock and Bridport, *Ridley* and *Fawcett*; near the first milestone on the Bridport and Dorchester main road.
- B. Hedges, Sandford-road, Sherborne, also the Rifle Butts; between Osborne and Poyntington, *F. W. Galpin*.
- C. Cliffs, east of Lulworth Cove, *W. M. Rogers*.
- D. Puddletown Woods, *Pulteney*.
- E. I have observed it in several places, but nowhere plentifully in the Vale of Blackmore, *Pulteney*.
- F. Hedges on the roadside, Milborne St. Andrew, *Pulteney*.

G. Encombe, *Pulteney*; Woody Hyde, Langton Matravers, *J. H. Austen*; Kimmeridge Copse.
Devon, Hants, Somerset, Wilts, Normandy.

260. *L. maritimus*, *Bigel.* *Pisum maritimum*, *Linn.* *Seaside Everlasting Pea.*

First record, *Pulteney*, 1799.

Native; pebbly beaches; rare. P. July—August.

A. Chesil bank, East Bexington.

C. On the sand, and naked pebbles of Chesil Bank, running from Portland to Abbotsbury, *Pulteney.*

It grows at intervals only. I have found it opposite Wyke, Fleet, Langton Herring, and at the eastern end of the Swannery, but nowhere further west.

F. North shore, east of Poole, *Dr. Argent.*

(Mr. W. W. Newbould says: "Dr. Argent's plant was not gathered at Poole, but in Suffolk.")
Hants, Normandy.

261. *L. tuberosus*, *Linn.* *Tuberous-rooted bitter Vetch.*

First record, *Pulteney*, 1799.

Native; woods, thickets, heaths, and commons; common.

P. April—July.

Generally distributed.

Var. *β. angustifolia*, *Roth.*

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ROSACEÆ.

PRUNUS, *Linn.*

262. *P. spinosa*, *Linn.* *Common Sloe, Blackthorn.*

First record, Bell Salter, 1839.

Native; hedges, thickets, woods and commons; common.

Shrub. March—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

263. *P. insititia*, *Linn.* *Bullace Tree.*

First record, Bell-Salter, 1839.

Native; hedges, thickets and woods; less common than the above. Shrub. March—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

264. [**P. domestica**, Linn. *Wild Plum*.
First record, Bell Salter, 1839.
Alien ; hedges. Tree. April—May. Not truly wild.
Generally distributed, probably an escape from cultivation,
gradating back to *P. insititia*.]
Devon, Hants, Somerset, Wilts, Normandy.
265. **P. Padus**, Linn. *Bird Cherry*.
First record, Mansel-Pleydell, 1874.
Alien ? woods and hedges ; rare. Tree. May.
F. Dairy Copse, High Hall ; Down House Woods ; Verwood ;
Quarrelston, Bryanston ; Sutton Holms.
G. Hedges, Creech and Bushy.
Hants, Somerset, Wilts, Normandy.
266. **P. avium**, Linn. *Wild Cherry*. (*Dors., Merry Tree.*)
First record, Mansel-Pleydell, 1874.
Denizen ; woods and hedges. Tree. May.
A. Bridehead, *A. E. Eaton*.
C. Came Wood, *F. W. Galpin*.
D. Hedges near Bere Wood on the Poole main road, *W. M. Rogers* ;
Dewlish ; Radcliffe Lodge, on the Bere and Wareham main road ;
Piddlewood, Sturminster Newton.
F. Hedges near Daggen's Road station, *W. M. Rogers* ; Chace
woods, near West Lodge.
G. Bryanston Drive.
Devon, Hants, Somerset, Wilts, Normandy.
267. **P. Cerasus**, Linn. *Morello Cherry*.
First record, Bell Salter ? 1839.
Denizen ; woods and hedges. Tree. May.
B. Batcombe, *W. M. Rogers*.
C. Evershot, *W. M. Rogers*.
D. Hedges between Chamberlayne's and Turner's Puddle.
E. Hedges, Stourton Caundle.
F. Near Daggen's Road station, *W. M. Rogers*.
Devon, Hants, Somerset, Wilts, Normandy.

SPIRÆA, Linn.

268. **S. Ulmaria**, Linn. *Meadow-sweet*.
First record, Pulteney, 1799.
Native ; meadows, hedges, and river-sides ; common. P.
June—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

269. **S. Filipendula**, *Linn. Dropwort.*

First record, Pulteney, 1799.

Native ; downs, pastures, and woods ; not uncommon, especially on the chalk. P. June—August.

- A. Burton Bradstock.
- B. Bradford Abbas, *Prof. Buckman.*
- C. Downs near Dorchester, *Mrs. Mary Frampton.*
- D. Long Plantation between Piddlehinton and Chebbard Farm.
- E. Hill above Woolland, *W. M. Rogers.*
- F. On Hod Hill ; Nutford Field, near Blandford, *Pulteney ;*
Tarrant Keyneston, *R. P. Murray ;* Deverill down ;
Quarrelston down, Bryanston ; Thorncombe down ; down
on the sides of the main road between Tarrant Hinton and
Thickthorn ; Blandford racecourse.
- G. Bushy place, Seacombe.
Devon, Hants, Somerset, Wilts, Normandy.

GEUM, *Linn.*270. **G. rivale**, *Linn. Water Avens.*

First record, Pulteney, 1813.

Native ; moist meadows and woods ; frequent. May—June.

- A. Gorwell ; Ashley ; copse on the roadside between Gorwell and Abbotsbury Rings.
- B. Evershot, near the railway station, *E. Fox ;* Melbury Park ;
Woolcombe, *W. M. Rogers.*
- C. Meadows, East Stoke, *E. Fox ;* Frome St. Quinton, *G. Crabbe ;*
wood near the tropical garden, Abbotsbury, *W. Whitwell.*
- D. Grove, Bingham's Melcombe, *C. W. Bingham.*
- E. Mappowder, *E. Binfield.*
- F. Meadows, Verwood, and near St. Leonard's Bridge.
- G. Grange Wood, *O. L. Mansel ;* Stoborough Meadows.
Devon, Hants, Somerset, Wilts, Normandy.

271. **G. urbanum**, *Linn. Common Avens.*

First record, Bell Salter, 1839.

Native ; hedge banks, woods, thickets ; common. P. April—October.

Devon, Hants, Somerset, Wilts, Normandy.

272. **G. intermedium**, *Ehrh. Intermediate Avens.*

First record, Mansel-Pleydell, 1874.

Native ; moist woods ; rare. P. April—September. Probably an hybrid between *G. rivale* and *G. urbanum*.

- A. Moist wood between Gorwell and Abbotsbury Rings.

- B. Base of the Hill between Batcombe and Melbury.
 D. Grove, Bingham's Melcombe.
 Devon, Hants, Somerset, Wilts, Normandy.

POTENTILLA, *Linn.*

273. **P. Anserina**, *Linn.* *Silver-Weed.*
 First record, Bell Salter, 1839.
 Native ; pastures, roadsides ; common. P. April—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
274. **P. argentea**, *Linn.* *Hoary Cinquefoil.*
 First record, Pulteney, 1799.
 Native ; sandy fields, roadsides, and woody places. P. June—
 July.
 D. Leyfield, Sherford Bridge, lane east of the Wareham Station
 leading to Sandford.
 F. Near Poole Junction ; roadside near the third mile-stone on
 the Poole and Ringwood main road ; between Parkstone and
 Longfleet, *W. M. Rogers* ; side of cultivated field, Salterns,
 Poole.
 G. Cultivated ground, Arne.
 Devon, Hants, Somerset ? Wilts, Normandy.
275. **P. reptans**, *Linn.* *Creeping Cinquefoil.*
 First record, Bell Salter, 1839.
 Native ; waysides, hedge banks, and pastures ; common. P.
 May—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
276. **P. Tormentilla**, *Neck.* *Common Tormentil.*
 First record, Bell Salter, 1839.
 Native ; woods, heaths, grassy banks and commons ; common.
 P. April—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
277. **P. procumbens**, *Sibth.* *Creeping Tormentil.*
 First record, Pulteney, 1799.
 C. Hedge bank, Maiden Newton ; Rampisham.
 D. Roadside between Bere Regis and Wareham, *W. M. Rogers* ;
 roadside on the Bere Regis and Poole road ; south of
 Bere Wood, *T. R. A. Briggs.*

- E. Stalbridge, *Mrs. Allen* ; banks on roadside south of Piddle Wood, Sturminster Newton ; Grange Wood, Middlemarsh.
- F. Under Hod Hill ; closes at New Bridge between Ringwood and Wimborne, *Pulteney* ; banks, Poole and Blandford Road ; Branksome Avenue ; Verwood, *W. M. Rogers* ; Parkstone, *H. Fisher* ; roadside, Woodlands, *R. P. Murray*.
- G. Purbeck, in several places, *Pulteney* ; Povington, near Creech Grange, *H. Fisher*.
Devon, Hants, Somerset, Normandy.

278. **P. Fragariastrum.** *Ehrh. Strawberry-leaved Cinquefoil.*
Barren Strawberry.
First record, Bell Salter, 1839.
Native ; hedge banks, woods, heaths ; common. P.
February—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

COMARUM, *Linn.*

279. **C. palustre,** *Linn. Marsh Cinquefoil.*
First record, *Pulteney*, 1799.
Native ; marshes, peaty bogs, edges of water carriers ; frequent in favourable localities. P. May—July.
- A. Poorstock Common, *E. Foz.*
- C. Wool Heath, *W. M. Rogers* ; water carriers, Moreton Heath ; damp meadow north of Wool Bridge.
- D. Between Sandford Bridge and Wareham, *Pulteney* ; Morden Decoy ; Morden Heath ; Keyworth, near Wareham ; meadow south of Morden Park.
- F. Between Wareham and Poole, *Pulteney* ; Tottenham, Poole, *Bell Salter* ; Parkstone, *W. M. Rogers* ; West Moors, near the station ; Newbridge, between Wimborne and Ringwood.
- G. Watercourses, Stoborough Meadows ; Povington ; meadow under Grange Hill ; Holme meadows ; meadow north of Corfe Castle.
Devon, Hants, Somerset, Wilts, Normandy.

FRAGARIA, *Linn.*

280. **F. vesca,** *Linn. Wood Strawberry.*
First record, Bell Salter, 1839.
Native ; woods, banks, plantation ; common. P. May—November.
Generally distributed.
Devon, Hants, Somerset, Dorset, Wilts, Normandy.

281. **F. elatior**, *Ehrh. Hautboy Strawberry.*

First record, Mansel Pleydell, 1874.

Denizen ? woods and heaths ; rare. P. April—August.

A. Hedge banks, Burton Bradstock ; Puncknowle.

F. Road-side between Bailey Gate and Upton ; hedge bank, Lytchett Matravers ; Clump-Furlongs, Whatcombe.

G. Rempstone Wood in great abundance.

Hants, Somerset, Wilts, Normandy.

RUBUS, *Linn.*SUB-GENUS I. **IDÆOBATUS**.282. **R. Idæus**, *Linn. Common Raspberry.*

First record, Bell Salter, 1830.

Native ; woods ; frequent. Sh. May—June.

A. Lewesdon Hill ; Witherstone, *E. Fox* ; Stoneholes, Bridehead, *A. E. Eaton* ; Fern Hill, Charmouth, *W. M. Rogers*.B. Batcombe Hill ; Leigh, *W. M. Rogers* ; Lenthay Copse, Sherborne, *F. W. Galpin*.C. Ailwell, Evershot, *W. M. Rogers* ; Moreton Heath ; Yellowham Wood.D. Bere Wood, *W. M. Rogers* ; Waterson Ridge.F. Hedges, Shapwick ; Badbury Rings ; Broadstone Junction, *W. M. Rogers* ; Whatcombe Cliff Wood ; Houghton Park Wood ; plentiful in the bushy places by the Houghton upper road to Bulbarrow ; Delcombe Wood, west side ; Houghton Wood ; Quarrelston Wood, Bryanston.

G. Tyneham Wood ; Creech Grange ; near Corfe Castle.

Var. β *Leesii*, *Bab.*F. On the Poole and Bournemouth main road, near the third milestone, *E. F. Linton*.

Devon, Hants, Somerset, Wilts, Normandy.

I am indebted to the Rev. W. Moyle Rogers (especially), also to the Rev. R. P. Murray, and to Dr. Focke for materially helping me in the determination of the names of this protean family, some of which are not only new to this county, but to science. A better grouping of the Rubi is much to be desired, in order that they may be consolidated into fewer species ; this can be accomplished by embracing under one species two extreme forms, whose identity can be traced through a series of intermediates, which are now accepted as separate species. Dr. Focke, referring to the English forms of *R. rhamnifolius*, says : "As far as I can see there are too many connecting links between the segregate species to allow a clear distinction."—*Journ. Bot.*, 1890, p. 102.

SUB-GENUS EUBATUS.

SERIES I. SUBERECTI.

283. *R. suberectus*, *Anders.*
 First record, Mansel-Pleydell, 1891.
 Native ; boggy woods ; rare. Sh. May—June.
 C. Yellowham Wood.
 D. Bere Wood, *R. P. Murray.*
 Devon, Hants, Somerset, Normandy.
284. *R. fissus*, *Lindley.*
 First record, Mansel-Pleydell, 1891.
 Native ; wet and peaty ground ; rare. Sh. June—August.
 F. Queen's Wood, Horton, *W. R. Linton* ; West Moors, *R. P. Murray.*
 Hants.
285. *R. plicatus*, *W. and N.*
 First record, Bell Salter, 1839.
 Native ; heathy places and woods ; not common. Sh.
 June—August.
 C. Near the Moreton Railway station.
 F. Whatcombe Common.
 Devon, Hants, Somerset, Normandy.
286. *R. opacus*, *Focke.*
 First record, E. F. Linton, 1891.
 Native ; open thickets and hedge banks ; rare. Sh. June.
 F. Kinson, *E. F. Linton.*
 G. Flower's Barrow, east side.
 Devon.
287. *R. sulcatus*, *Vest.*
 First record, R. P. Murray, 1891.
 Native ; woods ; very rare. Sh. June—July.
 F. Dullar Wood, Henbury, *R. P. Murray.*
 Devon.
288. *R. nitidus*, *W. and N.* *R. integrbasis*, *P. J. Müll.*
 First record, W. O. Focke, 1890.
 Native ; heaths and hedges ; frequent. Sh. July—August.
 D. Between Wareham and Poole, *T. R. A. Briggs* ; Radclyffe
 Lodge on the Bere Regis and Wareham main road.
 E. Between Sturminster Newton and Fifehead Neville, *T. R. A. Briggs.*

- F. Branksome ; West Moors ; Daggens ; Alderholt, *W. O. Focke* ; near the third milestone on the Poole and Wareham road ; Sutton Holms, *E. F. Linton* ; Woodlands, *R. P. Murray*.
- G. Heath below Whiteway Hill, East Lulworth ; Norden clay-pits ; Rempstone.
Devon, Hants.
289. *R. affinis*, *W. and N.*
First record, Bell Salter, 1839.
Native ; heaths ; locally abundant. Sh. July—August.
- C. Parkstone, *Bell Salter*, 1839.
- D. Cold Harbour, Wareham, *R. P. Murray* ; near Wareham Railway station ; between Lytchett and Gore Heath, *W. M. Rogers* ; Chamberlayne's, under Blackhill, south side ; Radclyffe Lodge on the Bere and Wareham main road ; Sherford Bridge.
- F. Waste ground near Hamworthy Junction, *T. R. A. Briggs* ; Broadstone ; West Moors ; Branksome ; Canford Chine, *W. M. Rogers* ; hedge banks on the roadside between Parkstone and Bournemouth, near the county border, *H. Fisher*.
- G. Studland Bay ; between Little Sea and South Haven, *W. M. Rogers* ; Norden claypits ; Studland Heath.
Devon, Hants, Somerset, Normandy.

SERIES II. RHAMNIFOLII.

290. *R. Lindleianus*, *Lees.*
First record, *W. M. Rogers*, 1880.
Native ; hedges and thickets ; frequent. Sh. July—August.
- B. Bound Lane, Chetnole ; Leigh ; Batcombe Hill, *W. M. Rogers*.
- C. Evershot ; Rampisham ; Yellowham Wood, Puddletown Heath ; Manfield Down, near Dorchester, abundant, *W. M. Rogers* ; Came Woods, *F. Galpin*.
- D. Roadside near Bere Wood, *T. R. A. Briggs* ; Chamberlayne's ; Gore Heath, *W. M. Rogers* ; Trigon Lodge, on the main road between Bere and Wareham.
- E. Delcombe Park, Woolland, *W. M. Rogers* ; Compton Abbas, *E. F. Linton*.
- F. Poole ; between Parkstone and Kinson ; Canford Chine ; Broadstone ; Branksome ; Daggens ; Knighton, *W. M. Rogers* ; Henbury, *R. P. Murray* ; Longthorns ; Verwood ; West Moors.
- G. Grange Wood.
Devon, Hants, Somerset, Wilts.

291. *R. erythrinus*, *Genev.*First record, *W. O. Focke*, 1890.

Native ; dry woods, heaths, and hedges ; probably frequent.

Sh. June—July.

E. Piddle Wood, Sturminster Newton.

F. Branksome Chine ; Daggens, *W. M. Rogers* ; Verwood, *E. F. Linton*.

G. Arne.

Devon, Somerset, Hants.

292. *R. rhamnifolius*, *W. and N.* Form near var. *R. stenoplos*, *Focke*, as explained by Dr. Focke in *Journ. Bot.*, 1890, pp. 101, 102.

First record, Bell Salter, 1839.

Of this plant Focke says : "It is difficult to say what is *R. rhamnifolius*, although I know the typical plant quite well. In every country and almost in every province the *rhamnifolius* type has a somewhat modified appearance. In England *R. rhamnifolius* and *R. umbrosus* are generally thought to be very different plants. A good deal of the dry branches, however, we see in the herbaria cannot be arranged with any degree of certainty under one or the other species. The most remarkable features common to all forms of the aggregate species are a very much branched stem, strong prickles, a small dentition of the leaves, an unusually long foot-stalk, and the roundish (broadly obovate, elliptic, or orbicular) shape of the terminal leaflet. The typical *R. rhamnifolius* has an angular glabrous stem, a compound panicle armed with frequent broad-based hooked prickles, and small white flowers. The upper surface of the leaves is quite glabrous, the underneath is generally covered with a close white felt. In my variety *stenoplos* the prickles of the flowering branch are slender and declining. The English *R. rhamnifolius* I saw with Mr. Rogers in several places near Bournemouth has the same armature as this variety (*stenoplos*) and is distinguished by larger flowers, and a hairy upper surface of the leaflets. I have seen the English *R. rhamnifolius* near Bournemouth, Branksome, and Daggens." *W. O. Focke. Journ. Bot.*, 1890, pp. 101, 102.

Native ; woods and hedges ; common. Sh. July—August.

B. Batcombe Hill ; Leigh, *W. M. Rogers*.C. Hedgerows, Came, *F. Galpin* ; Evershot ; Rampisham ; Puddletown Heath ; Wool, *W. M. Rogers* ; Parkstone ; Seldown, *H. Fisher* ; East Lulworth, in a small wood between the village and Arish Mill.

- D. Near Bere Wood ; hedges south of Wareham Railway station, *W. M. Rogers* ; Radclyffe Lodge, on the Wareham and Bere main-road ; Chamberlayne's.
- E. Bailey Ridge ; Sturminster Newton ; between Totnell and Hermitage, *W. M. Rogers*.
- F. Parkstone ; near Hamworthy Junction ; between Parkstone and Kinson ; Verwood ; Branksome, *W. M. Rogers* ; Houghton, upper road to Bulbarrow.
- G. Studland Bay ; Arne Heath, *W. M. Rogers* ; Owre, Poole Harbour.
Devon, Hants, Somerset, Wilts, Normandy.
293. **R. incurvatus**, *Bab.*
First record, Mansel-Pleydell, 1891.
Native ; open places in woods, heaths ; rare. Sh. July.
- C. Wool, near the Railway station, *T. R. A. Briggs*.
- F. Parkstone.
294. **R. imbricatus**, *Hort.*
First record, Mansel-Pleydell, 1891.
Native ; thickets ; rare. Sh. June—July.
- F. Parkstone and Bournemouth road, *E. F. Linton*.
Devon, Somerset.
295. **R. Dumnoniensis**, *Bab.*
First record, R. P. Murray, 1891.
Native ; thickets and heathy places ; rare. Sh. July—August.
- F. Bourne Valley, in several spots, *W. M. Rogers* ; Knighton Bottom, *E. F. Linton*.
- E. Roadside between Newton and Okeford Fitzpaine.
- G. Norden Heath, *W. M. Rogers*.
Devon, Hants.

SERIES III. VILICAULES.

296. **R. rusticanus**, *Merc.* **R. discolor**, *Weihe, Essicc*, non *W. and N. Rub. Germ.*
First record, Bell Salter, 1839.
Native ; hedges and thickets ; common. Sh. July—August. Generally distributed. Sometimes local, as between Winterborne Whitechurch and the east wall Milton Abbey, leading to Bulbarrow. To this point it is the prevailing bramble, but afterwards it gives place to an abundance of other forms.
Devon, Hants, Somerset, Wilts, Normandy.

297. *R. argentatus*, *P. J. Müll.*

First record, W. O. Focke, 1890.

Native; woods and hedges; very rare. Sh. July.

A. Lyme Regis, *C. Bailey.*298. *R. pubescens*, *W. and N.*

First record, W. O. Focke, 1890.

Native; woods and hedges; rare. Sh. June—July.

Of this bramble Dr. Focke says: "I have seen several forms of it in England, which, at first sight, I supposed might be varieties. Every shrub, however thought to be near *pubescens*, or *thyrsoides*, was not only somewhat different from the continental type, but could not be easily identified with any similar plant. Every single bush I saw had its own appearance and its own characters. I cannot, therefore, believe that these individual forms represent a true natural species, they may be the modified offspring of some natural hybrids."

A. Bexington.

D. Gore Heath; Cicely Bridge, Chamberlayne's, *W. M. Rogers*; Bloxworth Heath.

E. Piddle Wood, Sturminster Newton.

F. West Moors (a form with very small prickles), *W. M. Rogers.*

G. Rempstone Heath.

Somerset.

299. *R. leucostachys*, *Sm.* *R. vestitus*, *W. and N.*

First record, Bell Salter, 1839.

Native; woods and thickets; locally common. Sh. July—August.

A. Symondsburry.

B. Yetminster; Chetnole; Leigh; Batcombe Hill, *W. M. Rogers.*C. Near Evershot; near Weymouth; Wool, *W. M. Rogers*; Coombe Keynes.D. Near Lytchett, *T. R. A. Briggs*; near Bere Regis, Gore Heath, *W. M. Rogers*; Bere Wood; Trigon Hill Lodge, on the Wareham and Bere main road; Chamberlayne's.E. Holwell; by Bailey Ridge; near Sturminster Newton, *W. M. Rogers*; Compton Abbas, *E. F. Linton.*F. Hamworthy; Poole; Parkstone; Broadstone; West Moors; Verwood; Sutton Holms; Daggens, *W. M. Rogers*; Houghton, upper road towards Bulbarrow.G. Arne Heath; between Swanage and Corfe Castle, *W. M. Rogers*; Ulwell.

Devon, Hants, Somerset, Wilts.

300. *R. macrothyrsos*, *J. Lange*.

First record, Mansel-Pleydell, 1891.

Native; thickets; rare. Sh. July—August.

F. Houghton; upper road leading to Bulbarrow (fide W. O. Focke).

G. East Lulworth, wood between the Castle Lodge and Arish Mill on the east side of the stream.

301. *R. silvaticus*, *W. and N.*

First record, T. R. A. Briggs, 1890.

Native; woods; rare. Sh. July—August.

D. Gore Heath, Wareham, T. R. A. Briggs.

Devon, Wilts, Normandy.

302. *R. rhombifolius*, *Weihe*.

First record, Mansel-Pleydell, 1891.

E. Sutton Holms, *Murray and E. F. Linton*; between Woodlands and Hinton Martell, *R. P. Murray*.**303. *R. leucandrus*, *Focke*.**

First record, W. O. Focke, 1890.

Native; heathy and bushy places; not uncommon. Sh. June—July.

D. Roadside on the Bere and Wareham main road.

F. West Moors; Daggens road in plenty; between Broadstone and Poole; Branksome; Parkstone; Talbot, *W. M. Rogers*; Kinson; Verwood; near the third milestone on the Poole and Ringwood main road, *F. E. Linton*.G. Studland Heath.
Hants.**304. *R. villicaulis*, *Kæhl.***

First record, Mansel-Pleydell, 1874.

Native; woods and hedges; frequent. Sh. July—August.

A. Chardstock.

B. Leigh, *W. M. Rogers*.C. Evershot; Rampisham; Buckland Ripers (see *Jour. Bot.*, 1874, Focke), *W. M. Rogers*; Lodmoor.

D. Gore Heath; Keyworth; Wareham; Radclyffe Lodge on the Wareham and Bere main road; hedge bank north of Wareham railway station.

E. Shortwood, *W. M. Rogers*; banks of the Liddon.F. Daggens; West Moors; Parkstone; Lytchett Bay; Branksome, *W. M. Rogers*.

G. Arne; Rempstone Heath.

Devon, Hants, Somerset, Wilts, Normandy.

Var. *laciniata*, *Focke*.

F. Kinson, *E. F. Linton*.

305. **R. adscitus**, *Genev.*

First record, Mansel-Pleydell, 1891.

Native; hedges; rare. July—August.

D. Wareham and Bere main road, in plenty and fairly typical, *W. M. Rogers*.

F. Bournemouth and Parkstone Road, *T. R. A. Briggs*.

G. Rempstone Heath, in plenty, *W. M. Rogers*.

A form departing from the type in the direction of *R. silvaticus*, *W. and N.*

Devon, Hants, Somerset.

306. † **R. Questierii**, *P. J. Müll.*

First record, W. O. Focke, 1890.

Native; hedges; rare. Sh. July—Aug.

A. On the Charmouth road near Lyme Regis, *C. Bailey*.

“This species is common in Western France, and it occurs in the Isle of Jersey. The Lyme Regis plant very much recalls *R. Questierii*.” *W. O. Focke*, *Jour. Bot.* 1890, p. 130.

307. **R. Eifeliensis**, *Wirtg.*

First record, Mansel-Pleydell, 1891.

Native; woods; rare. Sh. July.

This was named *carpinifolius* by Prof. Babington, but it is clearly distinct from the German plant of that name. Dr. Focke speaking of *R. Eifeliensis* says: “I see no difference between that species and the Dorset plant.”

D. On the main road between Wareham and Bere, and on the Poole and Bere main road, *W. M. Rogers*.
Normandy.

308. **R. pyramidalis**, *Kalt.*

First record, R. P. Murray, 1891.

Native; woods and thickets; rare. Sh. July—August.

D. Near Bere Wood, *T. R. A. Briggs*; Chamberlayne's.
Devon, Hants, Wilts.

309. **R. hirtifolius**, *P. J. Müll* and *Wirtg.*

First record, R. P. Murray, 1891.

Native; woods and hedges; rare. Sh. July—August

D. Bere Wood, *R. P. Murray*.
Devon.

310. *R. umbrosus*, *Anglorum*. ? *Arrh.*

First record, W. Moyle Rogers, 1884.

Focke says of this plant: "The French *R. dumosus*, Lefvr, seems to be near many forms of the English *R. umbrosus*. What has been named *R. umbrosus* by Fries is a form of *R. Lindebergii*, P. J. Müll, I believe. This species has a hairy stem and an inflorescence, which is either quite racemose or has only short branchlets. *R. Muenteri*, Marss, has leaves green on both sides and a narrow inflorescence. My *R. Maassii* is nearly the same, but it has quite glabrous stems. Many dried specimens named *R. umbrosus* and collected in the northern parts of England seem to be quite typical *R. Lindebergii*, P. J. Müll, and others are not distinguishable from *R. Muenteri*. The *R. umbrosus* I saw with Mr. Rogers near Bournemouth has a compound panicle and resembles the above-named *R. dumosus*, Lefvr. I have seen the English *R. umbrosus* at Bournemouth, Branksome, and Daggens." *W. O. Focke*, Jour. Bot. 1890, p. 102. As Focke says he did not see *R. Maassii* in England and could not decide where to put most of our *R. umbrosus*, though some might certainly go under *R. Muenteri*, I have dropped the names *R. Maassii* and *R. Muenteri* and content myself with *R. umbrosus*, *Anglorum*. Native; open heaths and hedges; chiefly in the heath districts of the county; frequent. Sh. June—July.

- C. Evershot; Rampisham; near Lodmoor; Manfield Down; Puddletown Heath, *W. M. Rogers*; East Lulworth, wood between the Village and Arish Mill.
- D. Black Hill, Bere Regis, *W. M. Rogers*; Chamberlayne's.
- E. Bailey Ridge, *W. M. Rogers*; Melcombe Park; Stoke Wake Wood.
- F. Poole and Bere main road, *T. R. A. Briggs*; Parkstone; Talbot Common, Kinson; Branksome; Canford Chine, Daggens, between Poole and Broadstone, *W. M. Rogers*; Houghton, higher road leading to Bulbarrow; plantation Whatcombe; Longthorns Wood; Weston's Wood; Delcombe.
Devon, Hants, Somerset, Wilts.

311. *R. pulcherrimus*, *Neuman*. *R. polyanthemos*, *Lindeb.*

First record, Mansel Pleydell, 1891.

"Mr. Baker puts this under *R. umbrosus*, Auct Anglor, as a glandular variety. This view may be correct as the differences seem of little importance. I know, however, of no intermediate forms. I have not seen the living plant, but I have received dried specimens from different parts of England."—*W. O. Focke*, Jour. Bot. 1890, p. 131.

Devon, Hants, Somerset.

Native ; woods and shady places ; rare. Sh. June—July.

F. Houghton, upper road leading to Bulbarrow ; Longthorns Wood.

G. Norden Heath, *W. M. Rogers* ; Rempstone Heath. Devon, Hants.

312. *R. macrophyllus*, *W. and N.*

First record, Mansel-Pleydell, 1874.

Native ; woods and thickets ; frequent. Sh. July—August.

C. Came, *F. Galpin*.

D. Shitterton Common ; borders of Piddle Wood ; *W. M. Rogers* ; Chamberlayne's.

E. Near Sturminster Newton, *W. M. Rogers*.

F. Branksome Chine ; Daggens, *W. M. Rogers* ; West Moors, *E. F. Linton* ; Delcombe ; Whatcombe Common ; Longthorns ; Parkstone.

Var. *β. glabratus*, *Bab.*

D. Chamberlayne's.

F. Houghton, on the upper road to Bulbarrow ; Oatclose Wood, Clenston ; Weston's Wood ; Alderholt Heath.

Devon, Hants, Somerset, Wilts.

313. *R. mucronatus*, *Blox.*

First record, Mansel-Pleydell, 1874.

Native ; hedges and thickets ; frequent. Sh. July—August.

D. Roadside on the Bere and Poole main road opposite Bere Wood ; Gore Heath ; Black Hill, Bere Regis, *W. M. Rogers* ; Radcliffe Lodge on the Wareham and Bere main road.

E. Compton Abbas, *E. F. Linton*.

F. One of the characteristic Rubi of the district from Daggens to Branksome ; Hamworthy Junction, *W. M. Rogers* ; near the third milestone on the Poole and Wimborne main road, Queen's Wood, Horton ; Verwood, *E. F. Linton* ; Houghton, on the road to Bulbarrow ; Longthorns Wood.

G. Norden Heath, *W. M. Rogers*. Devon, Hants, Somerset, Wilts.

314. *R. Sprengelii*, *Weihe.*

First record, Mansel-Pleydell, 1874.

Native ; woods and heaths.

C. Blackdown, *W. M. Rogers*.

- D. Lane near the Wareham Station, *W. M. Rogers*; Cicely Bridge, Chamberlayne's; Radclyffe Lodge on the Wareham and Bere main road.
- F. West Moors, Broadstone, *W. M. Rogers*; Houghton, upper road leading to Bulbarrow; Longthorns; Weston's Wood; Hamworthy Junction.
- G. Studland Heath, *W. M. Rogers*; Arne. Devon, Hants, Somerset, Wilts.
315. **R. Bloxamii**, *Lees*.
 First record, Mansel-Pleydell, 1891.
 Native; woods and hedgebanks; common in the east of the county. Sh. July—August.
- D. Piddle Wood, *W. M. Rogers*; Radclyffe Lodge, on the Wareham and Bere main road; also near Trigon Hill Lodge; on the same road, lane leading to Sandford from the Wareham Station.
- E. Melcombe Park.
- F. Frequent about Bournemouth, *Focke*; as general as *mucronatus* and locally more abundant; remarkably abundant for miles between Broadstone and Poole, *W. M. Rogers*; Canford Chine, *T. R. A. Briggs*; near the third milestone on the Poole and Ringwood main road, *E. F. Linton*; Longthorns; Verwood; Ringwood and Wimborne main road; West Moors; Down House Plantation; Hamworthy Junction. Devon, Hants, Somerset, Wilts.
316. **R. Durotrigum**, *R. P. Murray*.
 First record, R. P. Murray, 1891.
 Native; old lanes and bushy places; rare. Sh. August.
- F. About Charlton Down, very abundant, *R. P. Murray*; roadside, half way between Bailey Gate and Hamworthy Junction, *R. P. Murray* and *E. F. Linton*; Clump Furlongs Plantations, Whatcombe.
317. **R. rosaceus**, *Weihe*.
 First record, Mansel-Pleydell, 1874.
 Native; woods and sheltered places; rare. Sh. June—July.
- F. Alderholt; Lytchett Matravers; Longthorns; Cravet's Plantation, Whatcombe; The Down House Plantation. Devon, Hants, Somerset, Wilts.
318. **R. hystrix**, *W. and N.*
 First record, Mansel-Pleydell, 1874.

Native ; woods and thickets ; rare. Sh. July—August.

- D. Piddle Wood, Bere Regis ; Chamberlayne's Heath (*vide* Focke).
 E. Piddle Wood, Sturminster Newton ; Bailey Ridge (seems a slightly armed form of *hystrix*, *Prof. Babington*), *W. M. Rogers*.
 F. Houghton, upper road leading to Bulbarrow. Devon, Hants, Somerset, Wilts, Normandy.

319. *R. præruptorum*, *Boul.*

First record, Mansel-Pleydell, 1891.

Native ; woods and thickets ; rare. Sh. July—Sept.

- D. Bere Wood and roadside between Bere Regis and Wareham in great quantity. Devon, Wilts.

320. *R. anglosaxonicus*, *Gelert.*

First record, Mansel-Pleydell, 1891.

Native ; hedges ; apparently frequent. Sh. June—July.

- A. Ford Abbey, *R. P. Murray*.
 B. Leigh, *W. M. Rogers*.
 C. Near Evershot, towards Rampisham ; Yellowham Wood ; between Dorchester and Manfield Down, *W. M. Rogers*.
 E. Piddle Wood, Sturminster Newton, *T. R. A. Briggs*.
 F. Between Broadstone and Canford, *T. R. A. Briggs* ; Verwood ; Daggens ; between Broadstone and Poole, *W. M. Rogers* ; Houghton, upper road on the way to Bulbarrow ; Weston's and La Lee Wood ; Oatclose Wood, Clenston. Devon, Hants, Somerset, Wilts.

321. *R. echinatus*, *Lindl.* *R. rudis*, *Bab.*, non *Weihe* and *Nees*.

First record, Bell Salter, 1839.

Native ; hedges and thickets ; frequent. July—August.

- C. Near the Wool Railway Station, *T. R. A. Briggs* ; Culliford Tree Wood, *F. Galpin* ; Yellowham Wood.
 D. Roadside on the Bere and Wareham main road, *W. M. Rogers*.
 E. Near Sturminster Newton, *W. M. Rogers*.
 F. Poole, *Bell Salter* ; Daggen's, Alderholt ; between Broadstone and Poole, *W. M. Rogers* ; between Broadstone and Canford, *T. R. A. Briggs* ; Muston Down, Badbury, *R. P. Murray* ; Kinson, *E. F. Linton* ; Whatcombe Common ; Alderholt Heath ; Houghton, upper road to Bulbarrow ; Longthorns Wood ; Weston's Wood ; Whatcombe Park. Devon, Hants, Somerset, Wilts, Normandy.

322. R. Radula, Weihe.

First record, C. C. Babington, 1869.

Native ; hedges and thickets ; frequent. Sh. July--August.

C. Evershot, *W. M. Rogers*.D. Thickets on the Bere and Poole main road, *T. R. A. Briggs* ; near the Wareham Railway station, north side, *W. M. Rogers* ; roadside near Radclyffe Lodge on the Bere and Wareham main road ; East Morden ; Keyworth, near Wareham ; Bloxworth Heath ; lane between Wareham Railway station and Sandford.F. Parkstone, *Bell Salter* ; Broadstone ; near Hamworthy Junction, *W. M. Rogers* ; between Bailey Gate and Poole ; Clenston Wood ; Longthorns Wood ; Verwood ; Sutton Holms.G. Arne Heath ; between Swanage and Corfe Castle ; Studland Bay, *W. M. Rogers* ; Norden claypits.

Devon, Hants, Somerset, Wilts.

SERIES IV. GLANDULOSI.

323. R. Kœhleri, Weihe.

First record, Mansel-Pleydell, 1891.

Native ; hedges and thickets ; rare. Sh. July--August.

C. Between Evershot and Beaminster, roadside, *W. M. Rogers*.E. Near Sturminster Newton, *W. M. Rogers*.

F. Whatcombe Common.

Devon, Hants, Somerset, Wilts.

324. R. plinthostylus, Genev.

First record, R. P. Murray, 1891.

Native ; woods ; rare. Sh. June--July.

F. Foxholes' Wood, Sturminster Marshall, *R. P. Murray*.Described by Prof. Babington (from E. Cornwall specimens) in *Jour. Bot.*, 1887, p. 22. The Dorset plant, while having the special features of the Cornish one, is far more luxuriant and more strongly armed.**325. R. inlectus, P. J. Müller.**

First record, Mansel-Pleydell, 1891.

Native ; heaths ; rare. Sh. August.

G. Creech heath ; Norden claypits ; Rempstone Heath ; South Haven, *W. M. Rogers*.

Somerset.

326. R. ? hypomalacus, Focke.

First record, Mansel-Pleydell 1891.

Native ; hedges and thickets ; rare. Sh. July.

F. Whatcombe Common.

327. **R. melanodermis**, *Focke*.

Described as **R. melanoxyloides**, *Müll and Wirtg*, by Professor Babington, in *Journ. Botany*, 1877, pp. 21-22. Unknown to Doctor Focke until a Dorset specimen was shown to him in 1889.

First record, W. M. Rogers, 1887.

Native ; woods, hedges, and heathy places ; frequent. Sh. July—August.

- C. Between Evershot and Rampisham ; near Cattistock ; Wool ; Piddletown Heath, *W. M. Rogers* ; Yellowham Hill.
- D. Bere Wood ; Piddletown Heath (J.B., 1887), *W. M. Rogers* ; Trigon Hill, on the Wareham and Bere main road ; Chamberlayne's, under Black Hill.
- E. Sturminster Common.
- F. Branksome ; between Poole and Broadstone ; West Moors, *W. M. Rogers* ; Weston's Wood ; Longthorns Wood.
- G. Studland Heath (abundant), *W. M. Rogers* ; Norden claypits. Hants.

328. **R. diversifolius**, *Lindl.*

First record, C. C. Babington, 1869.

Native ; hedges ; common. Sh. July—August.

- A. Near Bridport, *W. M. Rogers*.
- B. Chetnole ; Leigh ; Batcombe Hill, *W. M. Rogers*.
- C. Evershot ; Maiden Newton ; Dorchester ; near Sandsfoot Castle, *W. M. Rogers*.
- D. Wareham ; between Bere and Poole on the main road, *W. M. Rogers* ; between Wareham and Bere on the main road near Radclyffe Lodge ; Cicely Bridge, near Chamberlayne's.
- E. Bailey Ridge, near Sturminster Newton ; Holwell, *W. M. Rogers* ; Compton Abbas, *E. F. Linton*.
- F. Parkstone, *W. M. Rogers* ; Lee Wood, Whatcombe ; Verwood ; Houghton, upper road leading to Bulbarrow, near Park Wood ; Poole, *Salter*.
- G. Between Swanage and Corfe Castle ; Flower's Barrow. Devon, Hants, Somerset, Wilts.

329. **R. ? bracteatus**, *Boreau*.

First record, Mansel-Pleydell, 1891.

Native ; woods ; rare. Sh. July—August.

- F. Clump Furlongs, Whatcombe.

330. *R. flexuosus*, P. J. Mill.

First record, W. O. Focke, 1890 (under *foliosus*).

Native; shady places; fairly frequent. Sh. July—August.

- B. Batcombe Hill, *W. M. Rogers*.
- C. Evershot; near Dorchester, *W. M. Rogers*.
- D. Bere and Poole main road, *T. R. A. Briggs*; Radcliffe Lodge; on the Wareham and Bere main road; Bere Wood.
- F. Daggens, Alderholt; Verwood; Houghton upper road, towards Bulbarrow; Clump Furlongs Plantation, Whatcombe. Devon, Hants, Somerset.

331. *R. adornatus*, P. J. Mill. *R. atropubens*, Blox. and of Wirtgen.

First record, Mansel-Pleydell, 1891.

Native; heaths and woods; rare. Sh. July—August.

- F. Sutton Holms, *W. M. Rogers*; Longthorns Plantation. Devon, Hants.

332. *R. hirtus*, W. and K.

First record, Mansel-Pleydell, 1891.

Native; heaths and woods; rare. Sh. June—July.

- F. Came, *F. Galpin*; Longthorns Plantation; Clenston Wood. Devon, Hants, Wilts, Somerset.

SERIES V. CÆSII.

333. *R. Balfourianus*, Blox.

First record, W. Moyle Rogers, 1880.

Damp places and borders of streams; rare. Sh. July.

- B. Chetnole; Leigh, in several places, *W. M. Rogers*.
- D. Chamberlayne's.
- F. Houghton, on the upper road to Bulbarrow; Verwood. Devon, Hants, Somerset, Wilts.

334. *R. corylifolius*, Sm.

First record, Mansel-Pleydell, 1891.

Native; bushy places and hedges; common. Sh. July—August.

Var. *α* *sublustris*, Lees.

- A. Wadbrook, Axe Valley.
- B. Batcombe Hill; Leigh; Chetnole; Ryne, *W. M. Rogers*.
- C. Evershot (very common); Frampton; Yellowham Wood, *W. M. Rogers*; Coombe Keynes.
- D. Gore Heath; Trigon Hill Lodge, on the Wareham and Bere main road, *W. M. Rogers*; Chamberlayne's; Sherford Bridge.

- E. Hermitage; near Sturminster Newton, *W. M. Rogers*; Short Wood, Mappowder.
- F. Parkstone; Poole, *W. M. Rogers*; West Moors; Daggens; Alderholt, *Focke*; Houghton, upper road towards Bulbarrow; Weston's Wood; Hamworthy.
- G. Arne Heath, *W. M. Rogers*; between Swanage and Corfe Castle, *T. R. A. Briggs*; Langton Matravers.
- Var. β . *conjungens*, *Bab.*
- C. Between Evershot and Rampisham, in dense thickets, *W. M. Rogers*; Came Wood and hedges, *F. Galpin*.
- E. Melcombe Park.
- F. Houghton, Upper Farm.
- Var. γ . *fasciculatus*, *P. J. Müll.*
- D. Near Radclyffe Lodge.
- F. Houghton.
Devon, Hants, Somerset, Wilts, Normandy.
335. *R. althæifolius*, *Hort.* *R. dumetorum*, *W. and N. Bab. Brit. Rubi.*, p. 274.
First record, *W. M. Rogers*, 1880.
Native; hedges; frequent. Sh. July—August.
- B. Chetnole; Yetminster; locally abundant, *W. M. Rogers*.
- C. Near Weymouth, *W. M. Rogers*.
- D. Near Wareham, *W. M. Rogers*; Bere Wood.
- F. Verwood; Houghton, upper road to Bulbarrow.
- G. Near Corfe Castle, *W. M. Rogers*; Gadcliff, Kimmeridge.
Devon, Hants, Wilts, Somerset.
Dr. Focke says that *R. deltoideus*, *P. J. Müll.* (given for *R. althæifolius* in *London Catalogue*, ed. 8), is certainly a hybrid between *R. cæsius* and (non-British) *R. tomentosus*.
336. *R. scabrosus*, *P. J. Müll.* *R. tuberculatus*, *Bab.*
First record, *Mansel-Pleydell*, 1874.
Native; woods and bushy places; rare. Sh. July.
- B. Borders of woods and hedges, Leigh; *W. M. Rogers*.
- C. Evershot, *W. M. Rogers*.
- E. Bailey Ridge; Totnel, *W. M. Rogers*.
- F. Longthorns Plantation.
Devon, Hants, Somerset, Wilts.
337. *R. cæsius*, *Linn. Dewberry.*
First record, *Bell Salter*, 1839.
Native; hedges, thickets, roadsides, heaths; locally abundant and generally distributed. Sh. June—July.

- A. Bridport, *W. M. Rogers*.
- B. Chetnole ; Ryme ; Leigh ; Beer Hackett, *W. M. Rogers*.
- C. Evershot ; Upwey ; Yellowham Wood, *W. M. Rogers*.
- D. Near Wareham, *W. M. Rogers* ; Chamberlayne's, roadside on the Bere and Poole new road, *T. R. A. Briggs* ; East Morden ; Spring Gardens, Bere Regis.
- E. Woolland, near Sturminster Newton, *W. M. Rogers*.
- F. Between Knighton and Kinson, *T. R. A. Briggs* ; Verwood ; Parkstone ; Wimborne ; Shapwick ; Sturminster Marshall, *W. M. Rogers* ; West Moors ; abundant in the valley from Houghton to Clenston Wood ; Durweston.
- G. Near Swanage, *W. M. Rogers* ; hedges east of Arish Mill, towards Whiteway.

Var. β . *tenuis*, *Bell Salter*.

- C. Yellowham Wood ; Moreton.
- F. Clenston Wood.

Var. γ . *intermedius*, *Bab*.

- C. East Lulworth, chalk pit between the Castle and Arish Mill.
- G. Creech Grange Wood.

Var. δ . *hispidus*, *Bab*.

- F. Humber lane, Winterborne Whitechurch. Devon, Hants, Somerset, Wilts, Normandy.

HYBRIDS.

R. Lindleianus, *Lees*, \times **R. rusticanus**, *Merc.*

- F. Holt Common, *Murray and Linton*.

R. Lindleianus, *Lees*, \times **Radula**, *Weihe*.

- F. Houghton, upper road to Bulbarrow.

R. rusticanus, *Merc.*, \times **R. corylifolius**, *Sm.*

- Near Coombe Almer Farm, *R. P. Murray* ; near Baillie House, *E. F. Linton*.

R. rusticanus, *Merc.*, \times **cæsius**, *Linn.*

- E. Roadside below Piddle Wood, Sturminster Newton, *R. P. Murray*.
- F. Roadside, near Mapperton, *R. P. Murray*.

R. leucostachys, *Sm.*, \times **R. cæsius**, *Linn.*

- D. Morden Park.

R. macrophyllus, *W. and N.*, × **R. flexuosus**, *W. R.*
F. Houghton, upper road to Bulbarrow.

R. Radula, *Weihe*, × **R. cæsius**, *Linn.*
F. Hedges, Almer Farm, Sturminster Marshall, *R. P. Murray*.

R. adornatus , 331	R. hirtifolius , 309	R. plinthostylus , 324
adscitus, 305	hirtus, 332	præruptorum, 319
affinis, 289	hypomalacus, 326	pulcherrimus, 311
althæifolius, 335	hystrix, 318	pubescens, 298
anglosaxonicus, 320	Idæus, 282	pyramidalis, 308
argentatus, 297	imbricatus, 294	Questierii, 306
Balfourianus, 333	incurvatus, 293	Radula, 322
Bloxamii, 315	intectus, 325	rhamnifolius, 292
bracteatus, 329	Köhleri, 323	rhombifolius, 302
cæsius, 337	leucandrus, 303	rosaceus, 317
corylifolius, 334	leucostachys, 299	rusticanus, 296
diversifolius, 328	Lindleanus, 290	scabrosus, 336
Dumnoniensis, 295	macrophyllus, 312	silvaticus, 301
Durotrigium, 316	macrothyrso, 300	Sprengelii, 314
echinatus, 321	melanodermis, 327	suberectus, 283
Eifeliensis, 307	mucronatus, 313	sulcatus, 287
erythrinus, 291	nitidus, 288	umbrosus, 310
fissus, 284	opacus, 286	villicaulis, 304
flexuosus, 330	plicatus, 285	

ROSA, *Linn.*

338. **R. spinosissima**, *Linn.* *Common Burnet Rose.*

First record, Pulteney, 1799.

Native; heaths, pastures, and woods; not common. Sh.
May—June.

A. Cliffs, Burton Bradstock; Eype Down, *E. Fox*; rough ground
in the neighbourhood of Ashley and Puncknowle Wood.

B. East of Evershot, *F. W. Galpin*.

C. Eastern Cliffs, Portland, *Pulteney*; cliff, near Lilliput Farm,
Poole, *W.B. Barrett*; Ower Moyne; hedges, East Lulworth;
Moreton Heath.

F. Parkstone, edge of salt marsh; point north-west of North
Haven, *W. M. Rogers*; Clenston Wood.

G. Studland Bay, *Pulteney*; Grange Heath; frequent between
Swanage and Wareham; waste ground, Whiteway Hill,
near East Lulworth; rough ground between Creech Barrow
and Church Knowle; Rempstone near the clay-pits;
Barnston meadows.

Devon, Hants, Somerset, Wilts, Normandy.

339. R. tomentosa, Smith. *Downy-leaved Rose.*

First record, Bell Salter, 1839.

Native; hedges and thickets; frequent. Sh. June—July.

- B. Chetnole; Yetminster; Leigh; Ryme; Melbury; Stockwood Common, *W. M. Rogers*; Bradford Abbas.
- C. Near Dorchester (scarce); Evershot; Weymouth, *W. B. Barrett*.
- E. Woolland; Holwell; Bailey Ridge; top of Stockwood Common, *W. M. Rogers*; Harpits Farm, Buckhorn Weston, *W. Harding*; Shortwood.
- F. Hemswoth; Helmesley Wood, *R. P. Murray*; Clenston Wood; Milborne St. Andrew.

Var. *a.* *subglobosa, Sm.*

First record, Mansel-Pleydell, 1891.

- E. Between Totnell Common and Hermitage, *W. M. Rogers*; Shortwood.

Var. *β.* *scabriuscula, Sm.*First record, *W. M. Rogers*, 1884.

- B. Leigh, *W. M. Rogers*.
- C. Evershot, in one place, *W. M. Rogers*.
- E. Hinton St. Mary; Buckhorn Weston.
- F. Clenston Wood.

Var. *γ.* *sylvestris, Lindl.*First record, *W. M. Rogers*, 1884.

- A. Wadbrook, on the Axe.
- B. Melbury; Chetnole; Yetminster; Ryme; Leigh, *W. M. Rogers*.
- C. Between Evershot and Rampisham; near Dorchester (scarce), *W. M. Rogers*.
- D. Between Poole and Bere, on the main road, *W. M. Rogers*; Bere Wood.
- E. Woolland; Holwell; Bailey Ridge, *W. M. Rogers*; Buckhorn Weston.
- F. Manaton Wood.
Devon, Hants, Somerset, Wilts, Normandy.

340. R. rubiginosa, Linn. *True Sweet-briar.*

First record, Pulteney, 1813.

Native in many places; heaths and hedges; rare. Sh. June—July.

- B. Leigh, *W. M. Rogers*; Bradford Abbas, *Prof. Buckman*.
- C. Roadside between Ridgeway and Monkton, *H. Groves*.
- D. Between Bere Regis and Wareham, near Cold Harbour and Radcliffe Lodge.

- E. Hedges, Butterwick, Holwell, *F. W. Galpin*.
 F. Between the Down House and Broadley Wood, *E. Bonfield* ;
 Canford Heath ; Parkstone, between railway station and the
 salt marsh ; Badbury Rings ; Shapwick ; between Broad-
 stone and Poole, *W. M. Rogers* ; Alderholt Heath.
 G. Norden Claypits, *W. M. Rogers* ; Little Sea, Studland ; Arne.
 Devon, Hants, Somerset, Wilts, Normandy.

341. **R. micrantha**, *Sm.* *Small-flowered Sweet-briar.*

First record, Bell Salter, 1830.

Native ; heaths and hedges ; frequent, especially on the heaths.
 Shrub. June—July.

- A. Foxholes Copse, Little Bredy, *A. E. Eaton*.
 B. Chetnole ; Leigh ; Ryme ; Stockwood Common, *W. M. Rogers* ; Bradford Abbas, *Prof. Buckman*.
 C. Near Weymouth ; Evershot, *W. M. Rogers* ; Abbotsbury.
 D. Between Bere and Poole ; on the main road near Bere Wood,
T. R. A. Briggs ; Morden Decoy ; Bere Regis ; third
 milestone on the Bere and Wareham main road.
 E. Between Totnell and Hermitage, *W. M. Rogers* ; Iwerne
 Minster, *E. F. Linton*.
 F. Shapwick ; Broadstone Junction ; Sturminster Marshall,
W. M. Rogers ; Sutton Holmes, Alderholt ; Clenston
 Wood ; West Moors ; Manaton Wood ; Milborne St.
 Andrew ; Whatcombe Common ; Parkstone ; Arne.
 G. Stoborough, *H. Fisher* ; Creech Grange Wood ; roadside on
 the Corfe and Wareham main road.
 Devon, Hants, Somerset, Wilts, Normandy.

Var. *a. hystrix*, *Leman*.

First record, Mansel Pleydell, 1891.

Kinson, *W. M. Rogers*.

Devon, Hants, Somerset, Wilts, Normandy.

342. **R. canina**, *Linn.* *Dog-rose.*

Native ; hedges and thickets. Shrub. June—July.

ECRISTATÆ.

a. lutetiana, *Leman*.

First record, Mansel Pleydell, 1874.

- A. Ashley Wood ; Gorwell ; Chardstock ; Bradford Abbas.
 B. Chetnole ; Leigh, *W. M. Rogers*.
 C. Near Evershot ; Rampisham ; Dorchester ; Weymouth,
W. M. Rogers.

- E. Holwell, *W. M. Rogers* ; Sturminster Marshall, *R. P. Murray* ;
Iwerne, *E. F. Linton*.
- F. Hedges near St. Leonard's Bridge ; Clenston Wood ; Park-
stone ; Stonepits, Whatcombe ; Milborne St. Andrew.
- G. Corfe Castle, *W. M. Rogers*.

α. *sphaerica*, *Gren.*

First record, *W. M. Rogers*, 1880.

- B. Chetnole ; Leigh, *W. M. Rogers*.
- C. Evershot, *W. M. Rogers*.
- D. Bere Wood.
- E. Compton Abbas, *E. F. Linton*.
- F. Verwood.
- G. Langton Wood, Langton Matravers, *W. M. Rogers* ; heath,
South Haven.

γ. *senticosa*, *Ach.*

First record, Mansel Pleydell, 1891.

- A. Hedges, Chardstock.
- B. Between Chetnole and Melbury, *W. M. Rogers*.
- D. Bere Wood.
- F. Near Queen's Wood, Horton ; Verwood, *E. F. Linton* ; New
Copse, Houghton.
- G. Ulwell, near Swanage.

δ. *dumalis*, *Bechst.*

First record, Mansel-Pleydell, 1874.

- A. Ashley Wood, Gorwell ; Wadbrook ; Chardstock ; Bexington.
- B. Chetnole ; Leigh, *W. M. Rogers*.
- D. Bere Wood ; Chamberlayne's.
- E. Holwell, *W. M. Rogers* ; Buckhorn Weston, *W. Harding* ;
Compton Abbas, *F. E. Linton*.
- F. Shapwick ; Sturminster Marshall ; Parkstone, *W. M. Rogers* ;
Stonepits, Whatcombe ; hedges, Milborne St. Andrew ;
Deverill Down ; Clenston Wood ; Houghton Park Wood.
- G. Swanage, *W. M. Rogers* ; Little Sea, Studland ; Norden clay-
pits ; Bindon Abbey ; Arne ; Dancing Ledge ; Langton
Matravers (a glandular form).

ε. *biserrata*, *Merat.*

First record, *W. M. Rogers*, 1880.

- B. Ryme ; Chetnole ; near Evershot railway station, *W. M. Rogers*.
- F. Shapwick, *W. M. Rogers*.
- G. Ulwell, Swanage ; hedge between Bindon Abbey and Holme.

ζ. *urbica*, *Leman.*

First record, Flora of Dorset, 1874.

- B. Chetnole ; Ryme ; Leigh Wood, *W. M. Rogers*.
- C. Evershot ; near Dorchester, *W. M. Rogers*.
- D. Hedge between Cicely Bridge and Black Hill, Bere Regis ; Chamberlayne's.
- E. Holwell ; Bailey Ridge ; Dick's Head ; hill between Totnell and Hermitage, *W. M. Rogers* ; Compton Abbas, *E. F. Linton* ; Buckhorn Weston.
- F. Poole ; near Wimborne, *W. M. Rogers* ; Verwood ; West Moors ; Parkstone ; Whatcombe Common.
- G. Near Swanage, on the road to Ulwell, *W. M. Rogers* ; Corfe Castle, on the Wareham main road.

γ. frondosa, *Baker*, non *Steven*.

First record, *W. M. Rogers*, 1884.

- B. Chetnole ; field near "Knoll," towards Batcombe, frequent, *W. M. Rogers*.
- C. Evershot, *W. M. Rogers*.
- E. Bailey Ridge, *W. M. Rogers* ; Melcombe Park.

ε. arvatica, *Baker*.

First record, *W. M. Rogers*, 1884.

- A. Gorwell.
- C. By the Frome, near Dorchester, *W. M. Rogers* ; near Weymouth, *W. B. Barrett*.
- F. Milborne St. Andrew ; Houghton, on the road to Bulbarrow ; Chescombe.

ι. dumetorum, *Thuill.*

First record, *W. M. Rogers*, 1884.

- B. Leigh (*several places*) ; Chetnole, by the railway bridge, *W. M. Rogers* ; Bradford Abbas, *D. Stephens*.
- E. Holwell ; Bailey Ridge, *W. M. Rogers* ; Compton Abbas, *E. F. Linton* ; Shapwick, *W. M. Rogers*.
- F. Weston's Wood, Whatcombe.
- G. South of Wareham, *E. F. Linton*

κ. obtusifolia, *Desv.*

First record, *W. M. Rogers*, 1884.

- A. Near Luccombe Chine and the Landalip, Lyme Regis, *W. M. Rogers*.
- B. Chetnole ; Ryme ; Yetminster ; Leigh, frequent, *W. M. Rogers*.
- C. Evershot, *W. M. Rogers*.
- D. Roadside between Bere and Poole, on the main road ; near the railway station, Wareham, north side, *T. R. A. Briggs* ; Bere Wood.

- E. Holwell; Bailey Ridge; between Totnell and Hermitage,
W. M. Rogers; Compton Abbas, *E. F. Linton*.
F. Sturminster Marshall, *W. M. Rogers*; West Moors; Alder-
holt Heath; Milborne St. Andrew.
G. Corfe Castle; hedges between Swanage and Ulwell.

λ. *tomentella*, *Leman*.

First record, *W. M. Rogers*, 1884.

- A. Chardstock (exceptionally glandular); Wadbrook.
B. Chetnole, *W. M. Rogers*.

μ. *andegavensis*, *Bast*.

First record, Mansel-Pleydell, 1874.

- A. Pillesdon.
B. Leigh; Chetnole, *W. M. Rogers*.
C. Field near Lodmoor; Upwey (abundant); Weymouth;
Evershot; Rampisham, *W. M. Rogers*.
D. Keyworth, near Wareham; Radcliffe Lodge on the Bere and
Wareham main road.
E. Lane between Newton and Okeford Fitzpaine.
F. Parkstone.

ν. *verticillacantha*, *Mérat*.

First record, *W. M. Rogers*, 1884.

- C. Evershot, *W. M. Rogers*.

ξ. *latebrosa*, *Déség*.

First record, Mansel-Pleydell, 1891.

- A. Niton, near Westcliff, Bridport, *W. M. Rogers*
B. Chetnole, *W. M. Rogers*.
“*latebrosa* is noticeable for exhibiting a curious development
of setæ and aciculi on certain parts of the stem, recalling
the aspect of the least prickly of the spinosissima group.”
Briggs' Flora of Plymouth, p. 139. Baker combines this as
well as the next under *verticillacantha*.

ο. *aspernata*, *Déség*.

First record, Mansel-Pleydell, 1891.

- F. Shapwick, *W. M. Rogers*.

π. *collina*, *Jacq*.

First record, Mansel-Pleydell, 1891.

- A. Chardstock.
F. † Verwood, *E. F. Linton*.

Var. ρ . *Kosinciana*, *Besser.*

First record, Mansel-Pleydell, 1891.

C. Roadside between Chickerell and Langton Herring.

[The subcristatæ appear to be absent in this county, their stronghold is in the north of England. The softer fruit, ascending sepals, and slenderer prickles distinguish them from ecristatæ.]

STYLOSE.

343. *R. systyla*, *Bast.* *Columnar-styled Dog-rose.*

First record, Mansel-Pleydell, 1874.

Native; hedges and bushy places; common. Sh. June—July.

- A. Little Bredy, *A. E. Eaton*; hedges, Lambert Castle; Puncknoll; Litton Cheney.
- B. Chetnole; Leigh; Yetminster; Batcombe; Ryme, *W. M. Rogers*; Bradford Abbas, *D. Stephens.*
- C. Evershot; Rampisham, *W. M. Rogers.*
- D. Hedge near Bere Wood on the Poole and Bere main road, *T. R. A. Briggs*; near Radcliffe Lodge on the Wareham and Bere main road; Keyworth, near Wareham; Chamberlayne's Copse.
- E. Woolland; Holwell; Bailey Ridge, *W. M. Rogers*; Shortwood; Mappowder.
- F. Shapwick; Sturminster Marshall; Poole, *W. M. Rogers*; Verwood, *E. F. Linton*; Humber Lane, Whatcombe; Milborne St. Andrew.
- G. Valley between Corfe Castle and Swanage, *W. Borrer*; Studland Bay; Langton Matravers, *W. M. Rogers*; Blackminston, Steeple; hedge between Kimmeridge and the sea. Devon, Hants, Somerset, Wilts, Normandy.

 β . *stylosa*, *Desv.* Var. *pseudo-rusticana*, *Crep.*First record, *W. M. Rogers*, 1889.

Native; hedges and bushy places; rare. Sh. June—July.

- B. Leigh, several places in "The Drove," Beer Hackett, *W. M. Rogers.*
- C. Evershot; Toller; Yellowham Wood, *W. M. Rogers.*
- E. Bailey Ridge, *W. M. Rogers*; Buckhorn Weston.
- F. Sturminster Marshall; field near the railway station, *W. M. Rogers*; Whatcombe Common.

This Rose was reported in *Jour. Bot.*, 1884, as *R. virginica Rip*, which has glabrous peduncles. Mr. *W. M. Rogers* submitted it to Mr. *Crépin*, who decided it to be a new variety, and suggested the name *pseudo-rusticana*.

Var. *γ. leucochroa*, *Desv.* *R. collina*, *Baker* ; *Journal Bot.* iii., 83.
First record, Mansel-Pleydell, 1891.

Native ; hedges and bushy places ; rare. Sh. July—August.
Of this plant Mr. Briggs says it seems nearer to *systyla* than to any other of our roses. The styles are nearly, or quite, glabrous, in which and in other characters it differs from *collina*, *Jacq.*, as received from *Déséglise*.

- D. Near Bloxworth, on the way to Moreden, *R. P. Murray* and *T. R. A. Briggs* ; hedges on the Bere and Poole main road, near Bere Wood. I found it in company with Mr. Moyle Rogers and Mr. T. R. A. Briggs in 1887. (It was then new to Dorset.)

344. *R. arvensis*, *Huds.* *White-flowered Trailing Rose.*

First record, Bell Salter, 1830.

Native ; borders of fields and thickets, hedges ; common. Sh. June—July.

Generally distributed.

α. bibracteata, *Bast.*

First record, W. M. Rogers, 1880.

- B. Chetnole ; Yetminster ; Ryne ; Leigh, *W. M. Rogers.*
C. Evershot ; Weymouth, *W. M. Rogers.*
E. Harpit's Farm, Buckhorn Weston, *W. Harding* ; Compton Abbas, *E. F. Linton.*
G. Nitson, near Swanage, *H. T. Mennell.*
Devon, Hants, Somerset, Wilts, Normandy.

γ. ovata, *Lej.*

First record, Mansel-Pleydell, 1891.

- B. Ryne ; Chetnole, *W. M. Rogers.*
Named by M. *Déséglise*.

AGRIMONIA, *Linn.*

345. *A. Eupatoria*, *Linn.* *Common Agrimony.*

First record, Bell Salter, 1830.

Native ; fields, roadsides and waste places ; common. P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

346. *A. odorata*, *Mill.* *Fragrant Agrimony.*

First record, Flora of Dorset, 1874.

Native ; woods and thickets ; rare. P. June—September.

- A. Puncknoll, plantation below the Knoll.

- C. Yellowham Wood, *W. M. Rogers*; hedge bank between Coombe Keynes and West Lulworth.
- D. Hedge banks, Hyde, near the river; between Wareham and Bloxworth on the main road.
- F. Near Canford, *T. R. A. Briggs*; Badbury Rings.
- G. Luckford Copse; shore of Poole Harbour west side of Arne. Devon, Hants, Wilts, Normandy.

POTERIUM, Linn.

- 347. **P. officinale, Hook.** *Great Burnet.*
First record, Bell Salter, 1830.
Native; moist meadows and pastures; rare. P. June—August.
 - C. Luckford Copse.
 - D. Borders of cultivated ground between Bestwall and Keyworth, near Wareham.
 - G. Near Corfe Castle, *Salter*; meadow under Creech Grange Wood; Povington; Creech Barrow. Devon, Hants, Somerset, Wilts, Normandy.
- 348. **P. Sanguisorba, Linn.** *Salad Burnet.*
First record, Bell Salter, 1830.
Native; dry pastures; locally common. P. April—August. General distributed.
Dorset, Hants, Somerset, Wilts, Normandy.
- 349. ***P. muricatum, Spach.** *Muricated Salad Burnet.*
First record, Flora of Dorset, 1874.
Alien?; dry calcareous soil; not uncommon. P. April—August.
 - A. Sides of fields between Abbotsbury and Swyre.
 - B. Bradford Abbas, *D. Stephens*.
 - C. Toller Porcorum.
 - D. Hedges between Bere Regis and Affpuddle.
 - E. Western Fields, Harpits Farm, *W. Harridge*; hedges between Melbury Abbas and Fontmell.
 - F. Waste place, Whitechurch, near the Industrial School.
 - G. Cornfields, east of St. Alban's Head. Devon, Hants, Somerset, Wilts, Normandy.

ALCHEMILLA, Linn.

- 350. **A. vulgaris, Linn.** *Common Lady's-Mantle.*
First record, Pulteney, 1799.
Native; pastures; waste places; rare. P. June—August.
 - A. Monckton Wyld, *Lester Lester*.

- B. Bradford Abbas, *Professor Buckman*.
 C. Evershot, pastures, south of the school, *W. M. Rogers* ;
 roadside between Rampisham and Wraxall.
 F. Enclosures near Newbridge, between Wimborne and Ring-
 wood, *Pulteney* ; lanes under Priestwood Field, *J. Jones* ;
 Filgroves, Stickland.
 G. In the Isle of Purbeck, about Grange, *Pulteney*.
 Devon, Hants, Somerset, Wilts, Normandy.
351. **A. arvensis**, *Scop.* *Field Lady's-Mantle*.
 First record, Bell Salter, 1830.
 Native ; sandy and gravelly soils ; common. April—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

CRATÆGUS, *Linn.*

352. **C. Oxyacantha**, *Linn.* Hawthorn.
 First record, Bell Salter, 1830.
 Native ; woods, hedges, and parks ; common. Tree. April.
 α. *monogyna*, *Jacq.* This is the prevailing form, lobes of
 leaves longer than broad, acute ; I. style ; peduncles downy.
 Generally distributed.
 β. *laciniata*, *Wallr.*
 F. Between Hamworthy and Hamworthy Junction.
 Devon, Hants, Somerset, Wilts, Normandy.

PYRUS, *Linn.*

353. **P. Malus**, *Linn.* *Crab-tree (Dors. Grabstock)*.
 First record, Bell Salter, 1830.
 Native ; woods and hedges ; frequent. Tree. April.
 α. *acerba*, *D. C.*
 A. Morecombe Lake, Lyme Regis, *H. Fawcett*.
 B. Chetnole ; Ryme ; Batcombe Hill, *W. M. Rogers*.
 C. Hedges, Evershot ; Upwey, *W. M. Rogers*.
 D. Hedges between Chesilborne and Dolesash.
 E. Harpit's Farm, Buckhorn Weston, *W. Galpin*.
 F. Old lane near Pimperne, *R. P. Murray* ; France Down,
 Stourpaine
 β. *mitis*, *Wallr.*
 B. Chetnole.
 C. Between Evershot and Cattistock, *W. M. Rogers* ; hedge on
 roadside below Linton Hill, Abbotsbury, *W. Whittaker*.

- F. Near Poole Junction, *W. M. Rogers*; Parkstone, *Bell Salter*; Shapwick, *R. P. Murray*.
Devon, Hants, Somerset, Wilts, Normandy.
354. **P. torminalis**, *Ehrh.* *Wild Service-tree*.
First record, Pulteney, 1799.
Native; woods; not common. Tree. May—June.
A. Puncknoll Wood.
F. Woods about Lytchett; Charboro; Henbury; Broadley Wood, *Pulteney*.
Devon, Hants, Somerset, Wilts, Normandy.
355. **P. Aria**, *Sm.* *Common White-bean*.
First record, Pulteney, 1799.
Native; woods, copses, and hedges; frequent. Tree. May.
A. Puncknoll Wood.
B. Ridge of Batcombe Hill, *W. M. Rogers*.
C. Sydling Wood.
D. Melcombe Horsey.
E. Middlemarsh.
F. Many parts of Cranborne Chace, or about West Lodge and Handley, *Pulteney*; Daggens, *W. M. Rogers*; about Lytchett, *Bell Salter*; Hod Hill Wood; hedge between Deverill and Milborne St. Andrew; Houghton Wood; Clenston Wood.
G. Woods in Purbeck, *Pulteney*; Creech Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.
356. **P. Aucuparia**, *Gaert.* *Mountain-Ash*.
First record, Pulteney, 1799.
Native; woods; not common. Tree. May—June.
A. Near Charmouth, *W. M. Rogers*.
C. Boggy woods, Moreton.
E. Woolland, *W. M. Rogers*.
F. Daggens, *W. M. Rogers*; Broadley; Clenston wood; Chace wood, *Pulteney*; Higher Manaton wood.
G. Grange Wood, *Pulteney*; Arne.
Devon, Hants, Somerset, Wilts, Normandy.
357. **P. domestica**, *Sm.* *True Service*.
First record, Pulteney, 1813.
Alien; hedges and woods; rare. Tree. May—June.
Down Field near Bridport, *Pulteney*.
This is the only record of its existence in the county—and has no claim to be a native station.

SAXIFRAGACEÆ, D.C.

SAXIFRAGA, *Linn.*358. *S. granulata*, *Linn.* *White Meadow Saxifrage.*

First record, Pulteney, 1813.

Native; downs and banks; rare. P. April—May.

B. Corton Down, near Sherborne.

F. Stickland Common, under the hedge leading to Ibberton,

Pulteney; hedge bank, Haywards, Bere Down.

Hants, Somerset, Wilts, Normandy.

359. *S. tridactylites*, *Linn.* *Rue-leaved Saxifrage.*

First record, Pulteney, 1813.

Native; wall tops and dry banks; frequent. A. or B.
March—June.A. Loders, near Bridport, *Ridley* and *Fawcett*; Puncknoll;
Gorwell; Poorstock.B. Bradford Abbas, *Prof. Buckman*; Chetnole; Ryme; Leigh,
W. M. Rogers.C. Charlbury Camp; Preston, *W. Whitwell*; walls, Sturminster
Newton, *Ridley* and *Fawcett*.E. Woolland, *W. M. Rogers*.F. Sturminster Marshall; Shapwick, *W. M. Rogers*; Blandford
St. Mary, *E. K. Chambers*; Weston's Wood, Whatcombe;
Shaftesbury; waste ground, Houghton.

Devon, Hants, Somerset, Wilts, Normandy.

CHRYSOSPLENIUM, *Linn.*360. *C. oppositifolium*, *Linn.* *Opposite leaved Golden Saxifrage.*

First record, Pulteney, 1799.

Native; sides of streams and marshy places; not common.
P. April—June.A. Cliff above The Cobb, Lyme Regis; Puncknoll Wood; Litten
Cheney; Walditch; Chapel Copse, Gorwell; Wootton
Fitzpaine.B. Compton, *Prof. Buckman*; watery lane from Bubb Down to
Chetnole; plentiful in the lower part of Stockwood;
between Redford and the railway, *W. M. Rogers*.C. Ailwell; Rampisham; Evershot, *W. M. Rogers*; damp wood,
Stafford, *F. W. Galpin*.E. Near the hollow way about the spring, Melbury, going to
Shaftesbury, *Pulteney*; wet ditches, north of Woolland
Wood.

Devon, Hants, Somerset, Wilts, Normandy.

361. **C. alternifolium**, *Linn.* *Opposite-leaved Golden Sacrifrage.*
 First record, Pulteney, 1799.
 Native; marshy and damp shady places; rare. P. May—
 July
- A. Near the Flax pond by Boosebarrow, *J. Jones*; Vale of
 Marshwood; Poorstock, *E. Fox.*
- E. By a spring at Melbury, near Shaftesbury, *Bell Salter*;
 Glanvilles Wootton, *F. T. Rickard.*
 Hants, Somerset, Wilts, Normandy.

PARNASSIA, *Linn.*

362. **P. palustris**, *Linn.* *Grass of Parnassus.*
 First record, Pulteney, 1799.
 Native; wet moors and bogs; very rare. P. August—
 September.
 On the bogs of Dorset, but nowhere abundantly; in Purbeck;
 on Wareham Heath, *Pulteney.*
- G. Wareham Heath, *Pulteney!* In a boggy piece of ground
 near Norden, *E. Bankes*; also a few plants on Wareham
 Heath between Half-way House and the Estuary, *Lester*
Lester.
 Devon, Hants, Somerset, Wilts, Normandy.

RIBES, *Linn.*

363. **R. nigrum**, *Linn.* *Black Currant.*
 First record, Mansel-Pleydell, 1874.
 Denizen; damp woods and sides of rivers; rare. Sh.
 April—May.
- A. Hedges on the Sherborne and Lillington road; banks of the
 river Gouthill, *F. W. Galpin*; Broadwinsor, *F. T. Rickard.*
- D. Hedges, riverside, Chamberlayne's; Bere Regis; Hyde;
 Turnerspiddle.
 Devon, Hants, Wilts, Normandy.
364. **R. Grossularia**, *Linn.* *Gooseberry.*
 First record, Mansel-Pleydell, 1874.
 Denizen; hedges and rocks; rare. Sh. April—May.
- A. Roadside, Bradpole, *Ridley* and *Fawcett*; Lyme Regis,
F. T. Rickard.
- B. Hedges, Yetminster, on the Sherborne road, *F. W. Galpin.*
- C. Chilworth, east of Lulworth Cove; roadside by Whiteway,
Ridley and *Fawcett*; Stafford; Poundbury, Dorchester,
F. W. Galpin.

- D. Heath Wood, riverside near Hyde ; Chamberlayne's, Bere Regis.
Devon, Hants, Somerset, Wilts, Normandy.

365. **R. rubrum**, *Linn. Red Currant.*

First record, Bell Salter, 1830.

Denizen ; woods, thickets ; and sides of streams ; frequent.
Sh. April—May.

- A. Roadside, Bradpole, *Ridley* and *Fawcett* ; Broadwinsor, *F. T. Rickard* ; copse, Gorwell ; Poorstock ; Hook Park.
B. Bradford Abbas, *Professor Buckman* ; Melbury Osmond.
C. Dorchester on the main road, also near Lord's Mill, *F. W. Galpin* ; Evershot ; by the Frome, near Dorchester, *W. M. Rogers*.
F. Shapwick, *R. P. Murray* ; banks of Stour, Charlton and Spetisbury, *E. K. Chambers* ; Clenston Wood ; hedges between Whitechurch and Kingston ; banks of Stour, between Bryanston and Durweston.
G. Rocks, St. Alban's Head.
Mr. H. C. Walson says of this plant : " I do not believe it to be really native in the southern counties, although it often springs from seeds scattered by birds."
Devon, Hants, Somerset, Wilts, Normandy.

CRASSULACEÆ, D.C.

TILLÆA, *Linn.*

366. **T. muscosa**, *Linn. Mossy Tillæa.*

First record, Pulteney, 1813.

Native ; sandy places ; rare. A. May—July.

- C. Wool, *T. R. A. Briggs* ; sandy ground between Stoke and Highwood.
D. Roadside near the Cock and Bottle, Morden, *E. Binfield* ; Sherford Bridge ; Chamberlayne's, Bere Regis ; sandy ground, Hyde, south side of river.
F. Nursery ground, Parkstone, *W. Borrer* ; Branksome, Bournemouth, *W. M. Rogers* ; Verwood Common ; sandy ground near the third milestone on the Wimborne and Ringwood main road ; Lytchett Common, *T. R. A. Briggs*.
G. Sandhills, north of Wareham Railway, *Ridley* and *Fawcett* ; Arne, sandy places, south side ; South Haven ; Poole Harbour.
Devon, Hants, Normandy.

SEDUM, *Linn.*367. *S. Telephium*, *Linn.* *Orpine or Livelong.*

First record, Pulteney, 1813.

This species was not segregated in the time of Pulteney. I include, therefore, Mr. Binfield's station under var. *a.* Native; hedge banks and copses; rare. P. July—August.

a. purpurascens, *Koch.*

First record, Pulteney, 1813.

- A. Lambert's Castle, *F. T. Rickard.*
 - C. Thickets by the roadside between Wool and West Lulworth, *W. M. Rogers.*
 - F. Between Spettisbury Castle Rings and Colwood, *E. Binfield*; banks, Salterns, Poole, *W. M. Rogers.*
- β. Fabaria*, *Koch.*
- E. Piddle Wood, Sturminster Newton.
 - F. Oatclose, west side; Weston's Wood, Whatcombe. Devon, Hants, Somerset, Wilts, Normandy.

368. *S. anglicum*, *Huds.* *English Stone-crop.*

First record, Pulteney, 1799.

Native; rocky and sandy places, especially in the neighbourhood of the sea; local. A. June—August.

- A. Lyme Regis, *F. T. Rickard*; Abbotsbury weirs.
- D. North of Wareham station, on the road to Morden.
- F. "On a sandy bank, between Wimborne and Poole, June 4th, 1731."—*S. Dale, Herb. Mon. Brit.* On the sands of the heath between Wimborne and Christchurch; on the point of the north shore opposite Branksea Castle, *Pulteney*; hedges, Poole Backwater; *Lytchett, W. M. Rogers.*
- G. Banks near Redcliff, Wareham; Rempstone; sandy banks, Swanage; between Studland and South Haven, abundant; hedge banks, Studland, south side. Devon, Hants, Somerset, Wilts, Normandy.

369. *S. album*, *Linn.* *White Stone-crop.*

First record, Bell Salter, 1830.

Alien; rocks, walls, and roofs of houses; rare. P. July—August.

- A. Burton Bradstock; Beaminster.
- B. Lillington, *F. W. Galpin*; Bradford Abbas, *D. Stephens.*
- C. Walls, West Lulworth, *Ridley* and *Fawcett*; walls, Upwey, *F. W. Galpin.*
- E. Walls, Manor House, Holwell; Stalbridge, *Mrs. Allen.*

- G. Walls, Swanage ; Church Knowle, *O. L. Mansel*.
Devon, Hants, Somerset, Wilts, Normandy.
370. **S. acre**, *Linn.* *Biting Stone-crop*.
First record, Bell Salter, 1830.
Native ; rocks, walls, dry and sandy places.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
371. **S. reflexum**, *Linn.* *Crooked Yellow Stone-crop*.
First record, Bell Salter, 1830.
Alien ; rocks, walls, and housetops ; not common. P. June—
July.
- A. Lillington, abundantly, *F. W. Galpin* ; Lyme Regis,
Ridley and *Fawcett* ; Puncknoll ; Portisham ; Poorstock ;
Stoke Abbott ; Burton Bradstock.
- C. Radipole ; Broadway ; Wraxall ; Portland.
- E. Walls, Stourton Caundle ; Folke.
- G. Swanage, *Bell Salter*.
372. **S. Forsterianum**, *Sm.* *Forster's Stone-crop*.
First record, Mansel-Pleydell, 1874.
Native ; rocks ; rare. P. June—July.
- A. Lyme Regis, *F. T. Rickard*.
- C. Portland weirs, below Pennsylvania Castle.
Somerset, Normandy.

SEMPERVIVUM, *Linn.*

373. [**S. tectorum**, *Linn.* *Common House-leek*.
First record, Bell Salter, 1830.
Alien ; thatched walls, roofs, never spreads beyond the roof
or wall on which it has been planted. P. July.
Generally distributed.
It is found everywhere in the county, and perhaps ought to
be excluded, being an introduction, never propagating itself
by seed, nor wandering far from where it has been planted.
As it finds a place in almost every flora, both comital and
general, I think it preferable to retain it in this.
Devon, Hants, Somerset, Wilts, Normandy.]

COTYLEDON, *Linn.*

374. **C. Umbilicus**, *Linn.* *Common Navel-wort*.
First record, Pulteney, 1813.
Native ; sandy banks and walls ; locally frequent. P. May—July.

- A. Hedge banks, Lyme Regis ; Pillesdon ; Puncknoll ; Powerstock ; Ashley ; hedge bank between Charmouth and Golden Cap ; sandy ground, Chardstock (*foliosus*).
- B. Bradford Abbas, *D. Stephens* ; Chetnole ; Yetminster ; Ryme, *W. M. Rogers* ; Sherborne ; Milborne Port.
- C. Abbotsbury, *W. M. Rogers* ; Batcombe ; Friars Waddon ; Lulworth, Park wall.
- D. Wareham, hedge banks of railway station.
- E. Stalbridge ; churchyard, Okeford Fitzpaine ; Shaftesbury.
- F. Kinson ; Canford.
- G. Walls, Smedmore ; hedge banks, Arne ; Studland ; Redcliff, near Wareham.
Devon, Hants, Somerset, Wilts, Normandy.

HALORAGEÆ, *Br.*

HIPPURIS, *Linn.*

375. **H. vulgaris**, *Linn.* *Common Mare's-tail.*
First record, Pulteney, 1799.
Native ; ditches and ponds ; not common. P. June—July.
- A. Pond, Gorwell.
 - B. Silver Lake, Sherborne, *F. W. Galpin* ; Bridehead.
 - C. River Frome, Whitfield, Dorchester, *F. W. Galpin*.
 - D. Bogs, Morden heath, found by the *Rev. E. Binfield* at the tail of the great pool, Morden Park, *Pulteney* ; Morden Mill.
 - F. Stagnant recesses of the river Stour ; pond, High Hall, *Pulteney* ; Blandford St. Mary, *E. K. Chambers* ; river Allen, below Moor Crichel.
Devon, Hants, Somerset, Wilts, Normandy.

MYRIOPHYLLUM, *Linn.*

376. [**M. verticillatum**, *Linn.* *Whorled Water Milfoil.*
First record, Pulteney, 1799.
Native ; ditches and pond ; rare. P. July—August.
G. In a boggy ditch near Wareham, *Pulteney* (not confirmed since).
Devon, Hants, Wilts, Normandy.]
377. **M. alterniflorum**, *D.C.* *Alternate-flowered Water-Milfoil.*
First record, Mansel-Pleydell, 1874.
Native ; ponds and ditches ; rare. P. June—August.
- C. Ditches between Stoke and Moreton.
 - D. Morden Park Lake.
 - F. Ditches near St. Leonard's Bridge ; Verwood.

- G. Between Holme and East Lulworth, *Ridley* and *Fawcett* ; slope, Wareham, *H. Fisher* ; ditches between Stoborough and Arne ; Holme.
Devon, Hants, Somerset, Normandy.

378. **M. spicatum**, *Linn.* *Spiked Water-Milfoil.*

First record, Bell Salter, 1830.

Native ; ponds and ditches ; rare. P. June—August.

B. Silver Lake, Sherborne, *F. W. Galpin.*

C. Lake, Lulworth Castle.

F. Stour, Sturminster Marshall.

G. Little Sea, Studland ; Watercombe, between Middle Bere and Redcliff, Wareham.

Devon, Hants, Somerset, Wilts, Normandy.

CALLITRICHINEÆ, *Link.*

CALLITRICHE, *Linn.*

379. **C. verna**, *Linn.* *Water Starwort.*

First record, Bell Salter.

Native ; ditches, ponds, and muddy places ; common ? April—September.

Some of the records of this plant may probably be referred to *C. stagnalis*, which is the most frequent of the two.

Mr. Moyle Rogers writes me word that he has never seen *C. verna* in Dorsetshire. This eminent botanist must have done so had it come within reach of his keen and practiced eye.

380. **C. stagnalis**, *Scop.*, **platicarpa**, *Kuetz.* *Large-fruited Water Starwort.*

First record, Mansel-Pleydell, 1874.

Native ; ditches ; ponds, and on mud in ditches and springs ; very common. A.—P. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

381. **C. hamulata**, *Kuetz.* *Hooked Water Starwort.*

First record, Flora of Dorset, 1874.

Native ; ditches and pools ; common. A. August—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

Var. *β.* *pedunculata*, *D.C.*

A. Swyre, near Bridport.

D. Keyworth, Wareham.

E. Highmore, *T. R. A. Briggs*.

382. **C. obtusangula**, *Le Gall*. *Blunt-fruited Water Starwort*.
First record, Mansel-Pleydell, 1891.

Native; ditches, ponds, pools, and streams; frequent. A.
or P. May—September.

B. Pools between Chetnole and Yetminster, *W. M. Rogers*.

C. Ditches, back of Lodmoor, *W. M. Rogers*; Longham.

D. Sherford Bridge.

F. Shapwick, *W. M. Rogers*; Sturminster Marshall.

G. Watercourses, Stoborough, *H. and J. Groves*; stream, Corfe
Castle, north side of the ruins.

Hants, Wilts, Normandy.

LYTHRARIÆ, *Juss.*

LYTHRUM, *Linn.*

383. **L. Salicaria**, *Linn.* *Purple Loosestripe*.

First record, Bell Salter, 1830.

Native; river banks; ditches; common. P. July—Sept.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PEPLIS, *Linn.*

384. **P. Portula**, *Linn.* *Water Purslane*.

First record, Pulteney, 1813.

Native; moist and splashy places; often where water has
stood in the winter; frequent. A. July—August.

A. Lyme Regis (one plant), *F. T. Rickard*; Pillesdon; bog
below "Castle Rings," Abbotsbury, south side, *W. Whitwell*.

C. Rampisham, *D. Stephens*; Hook Park Common, east side of
of the great wood and the main road.

D. Gore Heath, *W. M. Rogers*; Chamberlayne's, Bere Regis;
Fillioles; Shitterton Wood; Wareham Heath; Keyworth,
Wareham.

E. Middlemarsh Common, *F. W. Galpin*.

F. Highmore, *T. R. A. Briggs*; Horton Pond; Dunberry pond,
Houghton; between Verwood and West Moors; near third
milestone on the Poole and Ringwood main road.

G. Several places on Wareham and Studland Heaths; Creech
claypits.

Devon, Hants, Somerset, Wilts, Normandy.

ONAGRARIÆ, *Juss.*EPILOBIUM, *Linn.*

385. *E. angustifolium*, *Linn.* *Rose Bay, French Willow-Herb.*
 First record, Bell Salter, 1830.
 Native? moist hedges, riversides, copses; not common. P.
 July—August.
- A. Rough waste ground by railroad, east of Poorstock station, in great quantity, *W. M. Rogers.*
- C. Right bank of the railway between Evershot station and Yetminster, *E. Symons*; railway banks near Dorchester; near railway station, Frampton, *W. M. Rogers*; near Minterne Poor-house on the road to Melbury.
- F. Parkstone; Branksome Park, *W. M. Rogers*; Down House Plantation; Nordon Wood, Durweston; Houghton North Down.
- G. Ditches near Mr. Pike's wharf, Redcliff, Wareham; Swyre hill above Encombe; Creech claypits.
 Devon, Hants, Somerset, Wilts, Normandy.
- Var. *β. brachycarpum* (*Leight*).
 F. Ensbury, *J. H. Austen.*
386. *E. hirsutum*, *Linn.* *Great Willow-Herb.*
 First record, Bell Salter, 1830.
 Native; sides of ditches and river banks, very common. P.
 July—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
387. *E. parviflorum*, *Schreb.* *Small-flowered Hairy Willow-Herb.*
 First record, Pulteney, 1813.
 Native; damp places, ditches, river sides; common. P.
 June—August.
- Var. *β. rivulare* (*Wahl*).
 A. Banks of the river Bredy, Puncknoll Mill.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
388. *E. montanum*, *Linn.* *Broad-leaved Willow-Herb.*
 First record, Pulteney, 1813.
 Native; hedge banks, woods, bushy places; frequent; extremely common in F. division. P. June—August.
- A. Bradford Abbas, *Prof. Buckman*; Lyme Regis, *H. F. Rickard*; Hook Park, Bettiscombe.

- B. Chetnole, *W. M. Rogers* ; Honeycombe Wood.
 C. Dorchester ; Evershot ; Weymouth, *W. M. Rogers* ; Portland,
H. E. Fox.
 D. Bere Wood, *W. M. Rogers*.
 E. Woolland, *W. M. Rogers* ; Stoke Wood.
 F. Shapwick, *W. M. Rogers* ; Clenston Wood ; Houghton Wood,
 La Lee Wood, Whatcombe ; Milton Abbas Wood ; Alder-
 holt ; Bulbarrow ; Bryanston.
 G. Kimmeridge ; Studland.
 Devon, Hants, Somerset, Wilts, Normandy.
389. **E. lanceolatum**, *Seb. and Maur.* *Spear-leaved Willow-Herb.*
 First record, Mansel-Pleydell, 1891.
 Native ; gravelly bushy places ; very rare. P. June—August.
 F. Bushy banks near South-Western Pottery, Parkstone, in
 plenty, *W. M. Rogers*.
 Dorset, Hants, Somerset, Normandy.
390. **E. roseum**, *Schreb.* *Small-flowered Smooth Willow-Herb.*
 First record, *W. M. Rogers*, 1880.
 Native ; damp places ; cultivated ground ; very rare. P.
 July—August.
 B. Leigh, *W. M. Rogers*.
 C. Evershot, shady lane at back of village ; abundant as a garden-
 weed ; Rampisham, also as a garden-weed, *W. M. Rogers*.
 Devon, Hants, Somerset, Wilts, Normandy.
391. **E. tetragonum**, *Linn.* *Long-podded Square-stalked Willow-
 Herb.*
 First record, Pulteney, 1813.
 Native ; by the sides of ditches and damp places ; common.
 P. June—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
392. **E. obscurum**, *Schreb.* *Short-podded Square-stalked Willow-
 Herb.*
 First record, Moyle Rogers, 1880.
 Native ; ditches and boggy places ; frequent. P, June—
 August.
 A. Hook Park ; Bettiscombe.
 B. Chetnole ; Yetminster ; Ryne ; Leigh, *W. M. Rogers*.
 C. Frampton ; Newton Heath ; between Rampisham and Ever-
 shot ; Yellowham Wood, *W. M. Rogers* ; Weymouth marsh
W. B. Barrett.

- D. Gore Heath, *W. M. Rogers*; between Bere and Wareham.
 E. Melcombe Park; Stalbridge.
 F. Parkstone; Shapwick, *W. M. Rogers*; Leigh Common, Wimborne; Verwood; West Moors; Ibberton; Salterns, Poole.
 G. Roadside between Swanage and Corfe, *T. R. A. Briggs*; Studland, *W. M. Rogers*; Arne; Corfe claypits; Povington Heath; Stoborough meadows.
 Devon, Hants, Somerset, Wilts, Normandy.
393. **E. palustre**, *Linn.* *Narrow-leaved Marsh Willow-Herb.*
 First record, Pulteney, 1799.
 Native; bogs and ditches; common. P. July—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

CENOTHERA, *Linn.*

394. **C. biennis**, *Linn.* *Common Evening Primrose.*
 First record, Pulteney, 1813.
 Alien; sandy soils; rare. A. or B. July—October.
 C. In a field on the west side of the Backwater, Weymouth, *Pulteney*; Fordington Field, *F. W. Galpin*.
 D. Sandy ground between the Wareham railway station and Bestwall.
 G. North Haven, Poole; Stoborough meadows.
 Hants, Somerset, Wilts, Normandy.
395. **C. odorata**, *Jacq.* *Sweet-scented Evening Primrose.*
 First record, Mansel-Pleydell, 1891.
 Casual; cultivated ground and sandy places; rare. A. or B. July—October.
 B. Roadside between Lyme Regis and Chideock.
 D. Field of lucerne, north of Wareham, *Ridley* and *Fawcett*.
 F. Railway banks, Parkstone, *W. M. Rogers*.
 Hants, Somerset, Wilts, Normandy.

CIRCÆA, *Linn.*

396. **C. lutetiana**, *Linn.* *Enchanter's Nightshade.*
 First record, Pulteney, 1799.
 Native; shady woods, hedges; common. P. June—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

PARONYCHIEÆ, St. Hil.**POLYCARPON, Linn.****397. P. tetraphyllum, Linn. / Four-leaved Allseed.**

First record, Hudson, 1799.

Native; sands near the sea; very rare. A. June—August, "First found by Mr. Hudson in the Isle of Portland. Mr. Lightfoot found it both in Portland and on the north-end, and about Exmouth in Devon. Since found on Chesil Bank by R. A. Lambert, Esq."—*Pulteney*. This very rare plant, which had escaped notice since Pulteney's record, has been rediscovered by Mr. W. B. Barrett near the spot indicated by A. Goodenough.

- C. Portland, *Hudson*; on the neck of the Isle of Portland, close to the shingly beach, A. *Goodenough*.
Devon, Normandy.

SCLERANTHEÆ, Link.**SCLERANTHUS, Linn.****398. S. annuus, Linn. Common Knawel.**

First record, Pulteney, 1813.

Native; cultivated and waste ground; especially abundant on the heath districts of the county, not so common elsewhere. A. or B. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PORTULACACEÆ, D.C.**MONTIA, Linn.****399. M. fontana, Linn. Water Blinks.**

First record, Pulteney, 1799.

Native; damp places; not common, more so on the heath districts of the county.

- A. Stonebarrow, Lyme Regis, *Ridley* and *Faucett*; boggy ground under Pillesdon Hill, *E. Fox*; Gorwell moor.
C. Moreton Heath.
D. Blackhill, Bere Regis; Chamberlayne's.
F. Parkstone; Branksome, *W. M. Rogers*; boggy ground near the third milestone on the Poole and Ringwood main road.
G. Water meadows, Stoborough; Holme Heath; Studland Heath.

Var. *β. rivularis*, *Gmel.*

F. Watercourse, Winterborne Kingston; at the eastern side of the parish.

Devon, Hants, Somerset, Wilts, Normandy.

CLAYTONIA, *Donn.*

400. [*C. perfoliata*, *Donn.*

First record, Mansel-Pleydell, 1891.

Alien; a plant of Western North America, becoming naturalized in many places; Mr. James Hussey speaks of it as being established near Mudiford since 1849. See *Phyt.*, vol. i, 2nd ser., p. 389. A. May—July.

F. Branksome.

G. Rempstone, *Lady Caroline Calcraft.*]

TAMARISCINEÆ, *Desv.*

TAMARIX, *Linn.*

401. *T. gallica*, *Linn.* *Tamarisk.*

First record, Pulteney, 1813.

Alien; planted near the sea coasts for hedges. Shrub. July—Sept.

A. Cliffs and rocks, Lyme Regis, *E. Binfield*; Bexington coast-guard Station.

C. West Lulworth.

G. Swanage.

Devon, Hants, Somerset, Normandy.

CUCURBITACEÆ, *Juss.*

BRYONIA, *Linn.*

402. *B. dioica*, *Jacq.* *Red-berried Bryony.*

First record, Pulteney, 1813.

Native; hedges, thickets; common. P. June—August. Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

UMBELLATÆ, *Linn.*

HYDROCOTYLE, *Linn.*

403. *H. vulgaris*, *Linn.* *Common Pennywort.*

First record, Pulteney, 1813.

Native; bogs and marshy places; very common on the bogs of our heaths. P. May—July.

- A. Stonebarrow Wood, *Ridley* and *Fawcett* ; Lyme Regis, *F. T. Rickard* ; Gorwell ; Pillesdon.
- C. Piddletown Heath, *W. M. Rogers* ; Wool and Moreton Heaths.
- D. Chamberlayne Heath ; Morden Park, Hyde.
- E. Woolland ; Bailey Ridge, *W. M. Rogers*.
- F. Poole Harbour ; Shapwick ; Canford Chine, *W. M. Rogers* ; Verwood ; West Moors ; Leigh Common, Wimborne ; Lytchett Heath.
- G. Studland and Wareham Heaths ; Little Sea ; Airish Mill. Devon, Hants, Somerset, Wilts, Normandy.

SANICULA, *Linn.*

404. *S. europæa*, *Linn.* *Wood Sanicle.*

First record, Pulteney, 1813.

Native ; woods and hedge banks ; common. P. April—July.

- A. Prestwood Lane, near Loders, *E. Binfield* ; Old Warren, Bridport, *Mrs. Reid* ; West of Charmouth, *Ridley* and *Fawcett* ; Lyme Regis, *F. T. Rickard* ; Longbredy-lane, *W. Whitworth*.
- B. Chetnole ; Ryme ; Remedy Wood, *W. M. Rogers* ; Clifton Maybank, *D. Stephens* ; Melbury Park ; Honeycombe Wood.
- C. Rampisham ; Evershot, *W. M. Rogers* ; between Coombe Keynes and Lulworth Park, *Ridley* and *Fawcett* ; Hook Park.
- D. Bere Wood, *W. M. Rogers* ; Bingham's Melcombe ; Ilington Wood ; Alton ; hedge banks, Shitterton, Bere Regis ; Morden Park.
- E. Woolland, *W. M. Rogers* ; Glanville's Wootton, *J. C. Dale* ; Stalbridge, *Mrs. Allen* ; Piddle Wood, Sturminster Newton ; Stoke Wake Wood.
- F. Badbury Rings, *W. M. Rogers* ; Milton Abbey Plantation ; Edmonston ; Hod Wood ; banks of Stour.
- G. Langton Matravers Wood, *W. M. Rogers* ; Tyneham Wood ; Blackmanston, Steeple ; Grange. Devon, Hants, Wilts, Somerset, Normandy.

ERYNGIUM, *Linn.*

405. *E. maritimum*, *Linn.* *Sea Holly.*

First record, Pulteney, 1799.

Native ; sandy shores ; frequent on the sandy places of the coast. P. July—August.

- A. North side of river Char, Burton Bradstock ; Bexington Beach.

- C. On the Chesil Bank, Portland, *Pulteney*; sands between Portland and the Ferry Bridge.
 F. North shore, Poole Harbour.
 G. Swanage; Studland, *Pulteney*.
 Devon, Hants, Somerset, Normandy.

CONIUM, *Linn.*

406. *C. maculatum*, *Linn.* *Common Hemlock.*

First record, Bell Salter, 1830.

- Native; banks and roadsides; frequent. B. June—November.
 A. Poorstock, *W. M. Rogers*; between Chideock and Bridport, *Ridley* and *Fawcett*; Bridport Harbour; Wadbrook; East Bexington; Puncknoll; Burton Bradstock; Swyre.
 B. Chetnole, *W. M. Rogers*; Bradford Abbas, *Prof. Buckman*; Honeycombe Wood.
 C. Lodmoor; Weymouth; Frampton; Upwey, *W. M. Rogers*; Maiden Newton; Cattistock, hedge bank, side of Dorchester main road; Abbotsbury; Portland weirs; Holworth Cliff; Preston; Charminster, New Lunatic Asylum.
 D. Hedges, Worgate; Bryants Piddle; roadside, Piddle Wood, Bere Regis.
 E. Hazelbury Bryan, *W. M. Rogers*; Buckhorn Weston; Stoke Wake; roadside, Piddle Wood, Sturminster Newton; Stalbridge; Durweston.
 F. Poole; Shapwick; Sturminster Marshall, *W. M. Rogers*; Muston; Winterborne Kingston; hedges, main road, near Milborne Wood; meadow below Castle Rings, Milborne St. Andrew; Whitechurch Plantation; Longthorns; Broadley Wood.
 G. Studland Bay, *W. M. Rogers*; Corfe Castle ruins; waste ground, Swanage; under walls and hedges, Kimmeridge.
 Devon, Hants, Somerset, Wilts, Normandy.

SMYRNIUM, *Linn.*

407. *S. Olusatrum*, *Linn.* *Common Alexanders.*

First record, *Pulteney*, 1799.

- Denizen; waste places, ruins; rare. P. or B. April—June.
 A. Bradpole, *Pulteney*; Eype, *E. Fox*; Lyme Regis, *W. M. Rogers*; Charmouth; Morcombe Lake, *Ridley* and *Fawcett*; Bexington, near the beach; Swyre; Litton Cheney.
 B. Bradford Abbas, on the Yeo, *Prof. Buckman*.

- C. On the cliffs at Poole, *Pulteney*; cliffs near the pier, Weymouth, *G. S. Gibson*; hedge banks, near the Union Workhouse, Weymouth, *W. B. Barrett*; waste land between the Nothe and Sandsfoot Castle, *F. W. Galpin*; Southwell, Portland; West Lulworth.
- D. On the ramparts going into Wareham; north side of the town, *Pulteney*.
- G. Corfe Castle; Worth Matravers.
Devon, Hants, Somerset.

BUPLEURUM, *Linn.*

408. **B. tenuissimum**, *Linn.* *Slender Hare's-ear*.
First record, *Pulteney*, 1815.
Native; salt marshes; rare. A. July—September.
- C. Salt Marshes, east side of Weymouth Turnpike, *J. Jones*; Weymouth, field by the Backwater, *G. S. Gibson*; fields near Radipole, *F. Maton*; fields and uncultivated ground, Portland.
Hants, Somerset, Normandy.
409. **B. rotundifolium**, *Linn.* *Perfoliate Hare's-ear*. *Thorough-wax*.
First record, *Pulteney*, 1799
Alien? cornfields; rare. A. June—July.
- E. Kingston Magna Rectory, *vide W. Galpin*.
- F. Cornfields, Langton Farm; near Blandford; between Almer and Spettisbury, *Dr. Pulteney*. Not confirmed since.
Hants, Somerset, Wilts, Normandy.

APIUM, *Linn.* (+ *Helosciadium.*)

410. **A. graveolens**, *Linn.* *Wild Celery*.
First record, *Pulteney*, 1813.
Native; marshy places by the sea, and damp ditches, especially along the coast line. P. June—October.
- A. Lyme Regis, frequent; Charmouth, *F. T. Rickard*; Bridport Harbour, *Ridley* and *Fawcett*; Eype, under cliff; plentiful in the Valley of the Bredy; Puncknoll; abundant on the roadside at Burton Bradstock; Abbotsbury, ditches adjoining the Chesil Bank.
- B. Bradford Abbas, in the Yeo, *Prof. Buckman*; Leigh; Chetnole, *W. M. Rogers*; Westbury, Sherborne, *F. W. Galpin*.
- C. Weymouth Castle, *E. Binfield*; Upwey, *W. M. Rogers*; Wraxall; Bradford Peverell; Fleet, near Wyke Regis; Abbotsbury; Lodmoor; Portland; West Lulworth.

- E. Ditches near Buckhorn Weston, *W. Herridge*; Stalbridge, *Mrs. Allen*.
- F. Poole; salt marsh, near Hamworthy Junction; Hamworthy, *W. M. Rogers*; field-side ditches, Iwerne Minster, *E. F. Linton*.
- G. Swanage, *E. Binfield*; ditches, Kimmeridge; St. Alban's Head; Gad Cliff; wet places on the cliffs between Dancing Ledge and Tilly Whim, Swanage.
Devon, Hants, Somerset, Wilts, Normandy.
411. **A. nodiflorum**, *Reichb.* **Helosciadium nodiflorum**,
Koch. *Procumbent Water Parsnip*.
First record, Bell Salter, 1830.
Native; marshes, damp ditches, slow streams; common.
P. April—September.
Generally distributed.
- Var. β . *ochreatum*, *D. C.*
First record, Bell Salter, 1830.
This variety is sometimes mistaken for the true *H. repens*,
C. Koch; it is only a procumbent form of *H. nodiflorum*.
- A. Puncknoll, marshy spot, plantation under the "Knowle."
C. Lake, Ham, near Poole, *Bell Salter*.
G. Shore, Studland; boggy ground near Little Sea.
Devon, Hants, Somerset, Wilts, Normandy.
412. **A. inundatum**, *Koch.* **Helosciadium inundatum**, *Koch.*
Least Water Parsnip.
First record, Bell Salter, 1830.
Native; pools, water courses and rivers; uncommon. P.
June—July.
- A. Lyme Regis, *F. T. Rickard*.
B. Bradford Abbas, *Prof. Buckman*.
D. Water course between Wareham and Bestwall; pond at the
four mile-stone on the Wareham and Bere Regis main road.
F. Ham, *Bell Salter*; ditches near Manaton Wood, Holt; Horton
Pond; Leigh Common, Wimborne.
G. Luckford Lake, near Holme, *Ridley* and *Fawcett*; Povington
Heath.
Devon, Hants, Somerset, Wilts, Normandy.

ÆGOPODIUM, *Linn.*

413. **Æ. Podagraria**, *Linn.* *Goat-weed*.
First record, Pulteney, 1813.
Native? waste places near human habitations; frequent. P.
May—August.

- A. Puncknoll ; Netherbury.
 B. Chetnole ; Leigh, *W. M. Rogers*.
 C. Evershot ; Moreton Heath, *W. M. Rogers* ; Lulworth Cove, *Ridley and Fawcett* ; Bindon Abbey ; Cattistock.
 E. Woolland, *W. M. Rogers* ; New Barn, Buckhorn Weston, *W. Galpin*.
 F. Parkstone ; Canford, *T. R. A. Briggs* ; Shapwick, *R. P. Murray* ; Tarrant Keynstone, *F. W. Galpin* ; Whatcombe Park ; Durweston.
 G. Studland, *Ridley and Fawcett* ; Swanage ; Ulwell ; Smedmore. Devon, Hants, Somerset, Wilts, Normandy.

CONOPODIUM, Koch. (*Bunium*.)

414. **C. denudatum, Koch. *Bunium flexuosum*, With. *Common Earth-nut*.**
 First record, Bell Salter, 1830.
 Native ; pastures, woods, and thickets ; common. P. May—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

PIMPINELLA, Linn.

415. **P. Saxifraga, Linn. *Common Burnet Saxifrage*.**
 First record, Bell Salter, 1830.
 Native ; pastures and roadsides ; common. P. June—October.
 Very variable in size, plants resembling the following in sizes occur at Langton Matravers.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
416. [**P. magna, Linn. *Great Burnet Saxifrage*.**
 First record, Pulteney, 1799.
 Native ; bushy waste places ; rare. P. July—August.
 "More common in the woods of Dorset than in some of the Midland counties, yet sparingly wherever I have seen it."—*Pulteney*. Not confirmed since.]
 Devon, Wilts, Normandy.

CARUM, Linn. (+ *Petroselinum*.)

417. **C. Petroselinum, Benth. *Petroselinum sativum*, Hoffm. *Common or Garden Parsley*.**
 First record, Bell Salter, 1830.
 Naturalized ; walls and waste places. B. June—August.

A garden escape.

A. Waste ground, Bridport Harbour.

418. **C. segetum**, *Benth.* **Petroselinum segetum**, *Koch.*
Corn Parsley.

First record, Pulteney, 1799.

Native ; hedge banks, sides of fields, and in cultivated ground ; native ; rare. A. or B. July—September.

A. Waste land, Bexington, near the beach.

B. Ryme ; Melbury Road ; Yetminster ; Beer Hackett, *W. M. Rogers* ; corn fields and hedge rows, Bradford Abbas, *Prof. Buckman*.

C. Portland Quarries, near the Rectory, *E. Fox* ; Weymouth Backwater, Weymouth ; Lodmoor, *W. M. Rogers* ; sides of a corn field between Chickerell and Weymouth ; West Lulworth, *E. F. Linton*.

F. Corn field, near Langton, Blandford, *Pulteney*.

G. Corn field north-west of Swanage, *W. M. Rogers* ; Worth Matravers, corn fields, *W. Borrer* ; cultivated land, Bradle ; South Eggleston ; Tyneham ; between Dancing Ledge and Langton Matravers ; between Studland and Old Harry.

Devon, Hants, Somerset, Wilts, Normandy.

SISON, *Linn.*

419. **S. Amomum**, *Linn.* *Hedge Stonewort.*

First record, Pulteney, 1823.

Native ; hedge banks ; frequent. B. August—October.

A. Lyme Regis ; hedges, Puncknoll, abundant ; Symondsburys ; Abbotsbury.

B. Bradford Abbas, *Prof. Buckman* ; Chetnole ; Leigh ; Ryme, *W. M. Rogers*.

C. Evershot ; Upwey ; Weymouth, *W. M. Rogers* ; roadside below Linton Hill and Abbotsbury, *W. Whitwell* ; Weymouth, *F. S. Rickard* ; Chickerell ; Bincombe ; Sutton Pointz ; Portland ; Rodwell ; Charlton Park, south side.

D. Woodbury Hill.

E. Woolland ; Hermitage ; Bailey Gate, *W. M. Rogers* ; Stourton Caundle ; Mappowder ; Sturminster Newton ; Buckhorn Weston, *W. Galpin* ; Compton Abbas, *E. F. Linton* ; Stalbridge ; Ibberton.

F. Shapwick Common, *R. P. Murray* ; Lytchett, *T. R. A. Briggs* ; Spettisbury ; hedges between Whitchurch and Milborne St. Andrew ; Cranborne.

- G. Swanage ; Langton Matravers Wood, *W. M. Rogers* ;
Kimmeridge ; Cocknowle Hill ; Seacombe ; hedges between
Swanage and Ulwell.
Devon, Hants, Somerset, Wilts, Normandy.

SIUM, *Linn.*

420. **S. latifolium**, *Linn. Great Water-Parasip.*
First record, Pulteney, 1799.
Native ; watery places ; rare. P. July—August.
- C. River Frome, *Dr. Pulteney.*
River Stour in many places ; Whitecliff, near Blandford, *Dr. Pulteney.*
- F. River, Shapwick, *R. P. Murray* ; between Sturminster
Marshall and Henbury.
Hants, Somerset, Wilts, Normandy.
421. **S. angustifolium**, *Linn. Narrow-leaved Water Parasip.*
First record, Pulteney, 1799.
Native ; ditches, watercourses, and rivers ; frequent. P.
July—October.
- A. Near Beaminster, *D. Stephens.*
- B. Bradford Abbas, *D. Stephens.*
- C. Wool Heath ; Frampton, by the Frome, *W. M. Rogers* ; river
Frome, Wool ; water course, Toller Porcorum ; plentiful at
Abbotsbury.
- D. Water course between Piddletown and Druce Farm ; river,
Bere Regis ; Chamberlayne's ; Shitterton.
- E. River Cale, Buckhorn Weston, *W. Galpin* ; between
Stalbridge and Sturminster Newton.
- F. Shapwick, *W. M. Rogers* ; near Whitecliff, Blandford ;
Spettisbury ; Tarrant Crauford, *Dr. Pulteney* ; Sturminster
Marshall ; wet ditches, Stourpaine.
- G. Sides of water course, Stoborough meadows.
Devon, Hants, Somerset, Wilts, Normandy.

CHÆROPHYLLUM, *Linn.*

422. **C. temulum**, *Linn. Rough Chervil.*
First record, Bell Salter.
Native ; hedge banks, shady places ; common. B. May—
November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

SCANDIX, *Linn.*423. **S. Pecten-Veneris**, *Linn.* *Common Venus' Comb.*

First record, Salter, 1830.

Colonist; corn fields; common. A. April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ANTHRISCUS, *Pers.*424. **A. vulgaris**, *Pers.* *Common Chervil.*

First record, Bell Salter, 1830.

Native; waste places and hedge banks; rather rare. A.
May—June.B. Hedges, Bradford Abbas, *Prof. Buckman.*C. Parkstone, *W. M. Rogers*; Moreton Heath; near Longfleet.

D. Hedge banks, near Wareham railway station on the Bere main road.

F. Hedges, West Parley, *J. H. Austen*; head of Poole Harbour, *W. M. Rogers.*

G. Corfe Castle; hedge banks, near the coastguard station, Studland; banks on the shore at Arne; sandy places north side of Little Sea; South Haven.

Devon, Hants, Somerset, Wilts, Normandy.

425. **A. sylvestris**, *Hoffm.* *Wild Chervil.*

First record, Bell Salter, 1830.

Native; woods, hedge banks, shady places; common. P.
March—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

FÆNICULUM, *Hoffm.*426. **F. officinale**, *All.* *Common Fennel.*

First record, Pulteney, 1799.

Native; wet places and cliffs; rare. P. July—August.

A. Lyme Regis; mouth of the river Char, *F. T. Rickard*;

C. Lulworth Cove; Abbotsbury.

F. Ham Ballast Quay.

G. Swanage, a denizen, *W. M. Rogers*; cliffs in Purbeck, *Pulteney*; chalk-pit under Nine Barrow Down.

Devon, Hants, Somerset, Wilts, Normandy.

CRITHMUM, *Linn.*

427. **C. maritimum**, *Linn.* *Rock Samphire.*
 First record, Pulteney, 1799.
 Native; rocks by the seaside; locally frequent. P. May—August.
- A. Lyme Regis, *F. T. Rickard.*
 C. Crevices of rocks, Portland, *Pulteney*; Chesil Bank, *G. S. Gibson*; above Langton Herring among the pebbles; west side of Arish Mill Bay; Lulworth Cove.
 G. Blackguard's-hole between Durlston Bay and Dancing Ledge; Gadcliff; Kimmeridge Bay; St. Alban's Head; Meup's Bay; Arish Mill Bay.
 Devon, Hants, Somerset, Normandy.

ANGELICA, *Linn.*

428. **A. sylvestris**, *Linn.* *Wild Angelica.*
 First record, Bell Salter, 1830.
 Native; moist woods and marshy places; common. P. June—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

PEUCEDANUM, *Linn.* (*Pastinaca.*)

429. **P. sativum**, *Benth.* *Pastinaca sativa*, *Linn.* *Wild Parsnip.*
 First record, Bell Salter, 1830.
 Native; border of fields and pastures; common. P. June—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

CENANTHE, *Linn.*

430. **C. fistulosa**, *Linn.* *Common Water-Dropwort.*
 First record, Pulteney, 1815.
 Native; marshy places near rivers, ditches; frequent. June—September.
- A. Lyme Regis; Abbotsbury Swannery, *F. T. Rickard.*
 C. Banks of Frome, Holme Bridge.
 D. Morden Lake; Cicely Bridge, Chamberlayne's.
 E. River Stour, near Stalbridge, *Mrs. Allen.*
 F. River Stour, Sturminster Marshall.

- G. Marshy ground near Swanage railway bridge; banks of Frome, Holme Bridge.
Devon, Hants, Somerset, Wilts.
431. **C. pimpinelloides**, *Linn.* *Callous-fruited Water-Dropwort.*
First record, Pulteney, 1799.
Native; meadows, banks, waste ground; very common.
P. June—August.
This comparatively rare British plant is extremely abundant throughout the county, as much in one district as in another, excepting in salt marshes and the neighbourhood of the sea. It is unnecessary to specify localities. Pulteney considered this plant to be a variety of *C. peucedanifolia*, *Poll.*
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
432. **C. Lachenalii**, *Gmel.* *Parsley Water-Dropwort.*
First record, Pulteney, 1799.
Native; wet pastures and salt marshes, where it prevails; frequent near the coast, rare inland. P. June—October.
- A. Lyme Regis, *F. T. Rickard*; plentiful in the marshes between Burton coastguard station and Swyre; beach, West Bexington; Abbotsbury; Burton Bradstock (much dwarfed).
- B. Leigh, rather frequent; Beer Hackett, *W. M. Rogers*; Burton Bradstock.
- C. Shore, Salterns, Poole, *W. B. Barrett*; about Weymouth and Poole, *Pulteney*; plentiful on the banks of the Fleet from Portland Ferry to Abbotsbury.
- D. Meadows between the railway station and Wareham; Roke moor, Bere Regis; meadow, Morden Park.
- E. Bailey Ridge, *W. M. Rogers*; between Wincanton and Gillingham on the Dorset boundary; Buckhorn Weston Common, *W. Galpin*.
- F. Salt marsh near Hamworthy railway junction, in great quantity, *W. M. Rogers*; lane and copse adjoining from Sturminster Marshall field to Lytchett, *Pulteney*; Poole estuary, near Rockley Point.
- G. Arne Estuary; Little Sea, Studland.
Devon, Hants, Somerset, Wilts, Normandy.
433. **C. peucedanifolia**, "*Poll.*" **C. silaifolia**, *Bieb.*? *Sow.*
Eng. Bot., p. 126, pl. 595. *Sulphur-wort Water-Dropwort.*
First record, Pulteney, 1729.

Native ; freshwater meadows and marshes ; rare. P. May—September.

C. Marshy ground, Wool.

D. Morden Park, *Pulteney*.

F. Meadow opposite Nutford Farm House, *Pulteney* ; meadow adjoining the Stour, Sturminster Marshall ; on the south side of Little Sea, Studland.

G. Hants, Wilts, Normandy.

434. **Æ. crocata**, *Linn.* *Hemlock Water-Dropwort.*

First record, *Pulteney*, 1799.

Native ; watery places, ditches, rivers ; common. P. July—Sept. Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

435. **Æ. Phellandrium**, *Lam.* *Fine-leaved Water-Dropwort.*

First record, *Pulteney*, 1799.

Native ; pools, streams, ditches ; rare. B. July—October.

Pulteney says of this plant : " In some rivers difficult to be met with ; it grows abundantly on the Stour." It is probable he mistook the following plant for this. *Salter* marks it as a rare Dorset plant.

F. Stour, Long Ham Bridge, *Bell Salter* ; Sturminster Marshall ; Spettisbury.

G. River Frome, Wareham.

Devon, Hants, Somerset, Normandy.

436. **Æ. fluviatilis**, *Coleman.* *River Water-Dropwort.*

First record, *J. Woods*, 1848.

Native ; stream ; frequent. P. July—September.

B. Bradford Abbas, *Prof. Buckman*.

C. Common in the river Frome.

D. Common in the river Puddle.

E. River Cole, Buckhorn Weston, *W. Galpin*.

F. Stour, Blandford and Wimborne.

G. Frome, between Wareham and Redcliff.

Devon, Hants, Somerset, Wilts, Normandy.

ÆTHUSA, *Linn.*

437. **Æ. Cynapium**, *L.* *Common Fool's-Parsley, Lesser Hemlock.*

First record, *Pulteney*, 1813.

Native ; fields and gardens ; common. A. July—November. Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

SILAUS, Bess.**438. S. pratensis, Bess. Meadow Sulphurwort.**

First record, Pulteney, 1813.

- Native ; pastures and meadows ; frequent. P. June—Sept.
- A. Bexington ; Witherstone ; Lyme Regis ; copse, Wadbrook ; meadows, Puncknoll ; Bredy valley ; roadside between Litton Cheney and Ashly, unusually fine specimens.
- B. Bradford Abbas, *Prof. Buckman* ; Chetnole ; Lyme ; Leigh ; Batcombe Hill.
- C. Wyke ; Lodmoor ; Rampisham, *W. M. Rogers* ; between Durdle-door and Osmington, *Ridley* and *Fawcett* ; Weymouth, *G. S. Gibson* ; pastures, Portland, near the east Lighthouse ; pastures near the path between Osmington Mills and Ringstead Bay ; coastguard station, Langton Herring ; Wool ; Chickerell ; hedges, Maiden Newton.
- D. Shitterton, Bere Regis ; Roke moor.
- E. Bailey Ridge, *W. M. Rogers* ; Buckhorn Weston, *W. Galpin* ; Woolland ; Mappowder ; Bishops Caundle ; Hazelbury Bryan ; Fifehead Neville.
- F. Between Shapwick and Blandford, *E. Binfield* ; Verwood, *W. M. Rogers* ; meadows in the Stour valley from Blandford to Wimborne ; meadows, Winterborne Kingston valley ; Lower Manaton.
- G. Corfe Castle, *W. M. Rogers* ; Kimmeridge ; Povington ; Swanage ; Steeple ; pastures, West Orchard.
Devon, Hants, Somerset, Wilts, Normandy.

HERACLEUM, Linn.**439. H. Sphondylium, Linn. Common Cow-Parsonip. (Dors. Eltrot.)**

First record, Bell Salter, 1830.

Native ; hedges, pastures, woods, borders of fields ; common.

P. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

DAUCUS, Linn.**440. D. Carota, Linn. Wild Carrot.**

First record, Bell Salter, 1830.

Native ; pastures, borders of fields, cultivated ground ; common, especially on the chalk. B. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

441. **D. gummifer**, *Lam. Sea Carrot.*
 First record, H. T. Mennell, 1882.
 Native ; sea cliffs ; rare. June—August.
 A. Charmouth.
 C. Arish Mill, west side ; Meup's Bay ; cliffs, West Lulworth ;
 rocks, Portland.
 G. Tilly Whim ; Kimmeridge Bay ; St. Alban's Head ; Chap-
 man's Pool.
 Hants, Normandy.

CAUCALIS, *Linn. (+ Torilis.)*

442. **C. daucoides**, *Linn. Small Bur Parsley.*
 First record, Bell Salter, 1830.
 Colonist ; corn fields and sandy places ; rare. A. June—
 July.
 B. Bradford Abbas, *Prof. Buckman.*
 G. About an old brick kiln, South Haven, *Bell Salter.*
 Dr. Salter was probably in error about this plant ; he might
 have mistaken for it *Anthriscus vulgaris*, which still grows
 at South Haven.
 Hants, Somerset, Wilts, Normandy.
443. **C. Anthriscus**, *Gmel. Torilis Anthriscus, Gaert. Up-
 right Hedge-Parsley.*
 First record, Bell Salter, 1830.
 Native ; hedges and waste places ; common. P. July—
 November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
444. **C. arvensis**, *Huds. Torilis infesta, Spreng. Field
 Hedge-Parsley.*
 First record, Bell Salter, 1830.
 Native ; cultivated fields and waysides ; not common. A.
 June—September.
 A. Whitechurch Canonicorum, *F. T. Rickard.*
 B. Bradford Abbas ; Ryme, *D. Stephens.*
 C. Roadside, Weymouth, *G. S. Gibson* ; corn fields above Bin-
 combe ; Fleet.
 D. North of Wareham, *E. F. Linton.*
 F. Chescombe Farm ; West Whitechurch Farm ; Houghton ;
 Winterborne Kingston.
 G. Corn fields, Holme ; Langton Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.

445. **C. nodosa**, Scop. **Torilis nodosa**, Gaert. *Knotted Hedge-Parsley.*

First record, Pulteney, 1799.

Native ; under walls, waysides, banks, and waste places, especially in the neighbourhood of the sea, where it often abounds ; frequent. A. May—September.

A. Charmouth ; bank behind Abbotsbury Castle ; cliff, Burton Bradstock ; Eype.

B. Bradford Abbas, *Prof. Buckman.*

C. Lulworth Cove, *Ridley* and *Fawcett* ; quarries and banks at Linton Hill, Abbotsbury, *W. Whitwell* ; Radipole ; under walls of pastures, Portland ; Lodmoor ; Fleet.

E. Stalbridge, *Mrs. Allen.*

G. Cliffs, Kimmeridge, along the coast and under the walls on the hills to St. Alban's Head ; plentiful, South Eggleston ; pastures above Dancing Ledge, Langton Matravers ; riverside, Corfe Castle.

Devon, Hants, Somerset, Wilts, Normandy.

ARALIACEÆ, Juss.

HEDERA, Linn.

446. **H. Helix**, Linn. *Common Ivy.*

First record, Bell Salter, 1830.

Native ; rocks, walls, woods, and plantations ; common.

Sh. October—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CORNEÆ, D.C.

CORNUS, Linn.

447. **C. sanguinea**, Linn. *Common Dog-wood.*

First record, Bell Salter, 1830.

Native ; copses and hedges ; common. Sh. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CAPRIFOLIACEÆ, Rich.

ADOXA, Linn.

448. **A. Moschatellina**, Linn. *Tuberous Moschatell.*

First record, Pulteney, 1799.

- Native ; hedge banks, woods, roots of trees ; frequent. P.
March—April.
- A. Walditch, *W. B. Barrett* ; Loders, *J. Jones* ; Puncknoll Wood.
- B. Chetnole ; Stockwood Common ; Melbury Park, *W. M. Rogers* ; Bradford Abbas, *D. Stephens* ; Honeycombe Wood.
- C. Rampisham ; Yellowham Wood, *W. M. Rogers* ; Came Wood, *F. W. Galpin* ; Minterne.
- D. Hedge banks, Shitterton, Bere Regis.
- E. Hollow Way at Melbury, near Shaftesbury, *Pulteney* ; Woolland, *W. M. Rogers* ; Stoke Wood ; Melcombe Park ; Bagber Lane between Newton and Stalbridge ; Mappowder ; Ibberton ; under Hod Hill ; Bryanston Cliff.
- F. Hedge banks between Shapwick and Spettisbury, *W. M. Rogers* ; Broadley Wood ; Langton, *E. K. Chambers* ; Weston's Wood ; Clenston Wood ; Milton Park ; hedge banks south of Houghton.
- G. Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.

SAMBUCUS, *Linn.*

449. *S. nigra*, *Linn.* *Common Elder.*
First record, Bell Salter, 1830.
Native ; woods, hedges, waysides ; common. Shrub or tree.
March—July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
450. *S. Ebulus*, *Linn.* *Danewort or Dwarf-Elder.*
First record, Pulteney, 1799.
Denizen ; waysides and waste places ; rare. Sh. April—July.
- A. Hedges near Town End, Poorstock, *E. Fox*.
- C. In a field near Southwell, Portland, *H. E. Fox*.
- E. Woolland, *W. M. Rogers*.
- F. Spettisbury ; Town Street and on hedges above the village near Castle Rings, *Pulteney* ; Shapwick, mostly about the Priory Farm, no doubt a relic of the monks ! *R. P. Murray* ; Hinton Martel.
- G. Langton Matravers, *Lester Lester*.

VIBURNUM, *Linn.*

451. *V. Opulus*, *Linn.* *Guelder-Rose, Water-Elder.*
First record, Pulteney, 1799.

- Native ; copses, woods, banks of rivers, hedges ; frequent.
Sh. May—July.
- A. Lyme Regis, *F. T. Rickard* ; hedges, Litton Cheney, Gorwell.
- B. Hilfield ; Leigh ; Sherborne, *W. M. Rogers* ; Bradford Abbas, *Prof. Buckman* ; Honeycombe Wood.
- C. Weymouth ; Evershot ; Rampisham ; Weymouth, *F. T. Rickard* ; lanes between Bradford Peverell and Winterbourne Abbas, *W. Whitwell*.
- D. Bere Wood ; East Morden ; Chamberlayne's ; Bingham's Melcombe, very abundant.
- E. Buckhorn Weston, *W. Galpin* ; Glanville's Wootton, *J. C. Dale* ; Woolland ; Bailey Ridge, *W. M. Rogers* ; Harpits, *W. Burridge*.
- F. Shapwick, *W. M. Rogers* ; Charlton, *E. K. Chambers* ; Oatclose Wood, Clenston ; La Lee Wood, Whatcombe ; Houghton Wood ; Milton Park ; hedges, Bulbarrow ; St. Leonard's Bridge, abundant.
- G. Swanage ; Studland ; hedges between Swanage and Corfe Castle, lower road.
Devon, Hants, Somerset, Wilts, Normandy.
452. **V. Lantana**, *Linn. Wayfaring Tree*.
First record, Aubury, 1685.
Native ; dry copses, hedges ; common. Sh. April—June.
Aubury says : "*The Whitty* or *Wayfaring Tree* is rare in Wiltshire, some few are in Cranborne Chace."
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

LONICERA, *Linn.*

453. **L. Periclymenum**, *Linn. Common Honeysuckle, Woodbine*.
First record, Bell Salter, 1830.
Native ; copses, hedges, thickets, and bushy places ; common.
Sh. June—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
454. [**L. Caprifolium**, *Linn. Perfoliate Honeysuckle*.
First record, Mansel Pleydell, 1891.
Denizen or alien ; woods and plantations ; rare. Sh. May—July.
E. Woolland Plantation, *W. M. Rogers*.
Hants, Wilts, Normandy.]

RUBIACEÆ.

RUBIA, *Linn.*455. *R. peregrina*, *Linn. Wild Madder.*

First record, Parkinson, 1640.

- Native ; rocky places and hedgebanks ; rather rare. P.
May—August.
- A. Near Bridport, *J. Jones* ; Lyme Regis, near the landslip ; hedges between Charmouth and Wootton Fitzpaine.
- C. Portland, "at a place called Somerpill, neere to a Chappell, which is by the landing place as you come from Astferry to Chesill, in great abundance," *Parkinson* ; under Eggardon Hill, *E. Fox* ; Pennsylvania, Portland ; banks on the shore of the Fleet, Wyke Regis.
- D. "At Wareham, on a mud wall in the town," *Parkinson*.
- F. "At a place called Hod Hill in Dorsetshire, on that side next to the river." "In the parish of Stour Payne, two miles from Blandford," *Parkinson* ; hedges between Milborne St. Andrew and Whitechurch ; Hod Hill, *Pulteney*.
- G. Cliffs, Durlleston Head ; rocks, St. Alban's Head ; Gadcliff. Devon, Hants, Somerset, Normandy.

GALIUM, *Linn.*456. *G. Cruciata*, *Scop. Crosswort.*

First record, Pulteney, 1799.

- Native ; woods, hedgebanks, and thickets ; frequent. P.
April—September.
- A. Loders churchyard, *Pulteney* ; Poorton ; Puncknoll Wood ; Ashley.
- B. Bradford Abbas, *F. W. Galpin*.
- C. Maiden Newton ; Evershot, *W. M. Rogers* ; between Durdle Door and Osmington ridge, *W. Fawcett* ; Portisham road, Abbotsbury, *W. Whitwell* ; Hook Park ; between Wool and Lulworth Cove ; between East Lulworth and Grange.
- D. Hedgebanks, Turnerspudde.
- E. Woolland, *W. M. Rogers* ; Ibberton, roadside above the village ; launchets, near Ibberton Park Wood.
- F. Between Charlton Marshall and Blandford, *Pulteney* ; Bulbarrow ; Shapwick, *W. M. Rogers* ; Clenston Wood ; Broadley Wood ; Houghton Wood.
- G. Corfe Castle, *W. M. Rogers* ; rough places, Bradle ; Grange ; Rempstone ; Punfield, Swanage ; Langton Matravers. Devon, Hants, Somerset, Wilts, Normandy.

457. **G. verum**, *Linn. Yellow Bedstraw.*
 First record, Bell Salter, 1830.
 Native ; hedgebanks and waste places ; common. P.
 May—November.
 Verum + Mollugo.
- F. Near Windmill Barrow, *R. P. Murray.*
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
458. **G. erectum**, *Huds. Narrow-leaved Great Bedstraw.*
 First record, Bell Salter, 1830.
 Native ; hedgebanks ; pastures ; very rare. P. June—
 September.
- B. Between Ryme and Closworth, *W. M. Rogers.*
 D. Between Bere Regis and Poole, *W. M. Rogers.*
 F. Canford, *Bell Salter.*
 Hants, Somerset, Normandy.
459. **G. Mollugo**, *Linn. Common Great Bedstraw.*
 First record, Pulteney, 1813.
 Native ; dry hedgebanks, quarries and pits ; common.
 (Mr. Moyle Rogers considers it only locally common in
 districts, B. and C.) P. May—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
460. **G. saxatile**, *Linn. Heath Bedstraw.*
 First record, Bell Salter, 1830.
 Native ; banks, heaths, dry pastures, commons, woods ;
 common. P. June—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
461. **G. sylvestre**, *Poll. Slender Bedstraw.*
 First record, Mansel-Pleydell, 1874.
 ? Native ; lawns and chalk banks ; rare. P. July.
- F. Longthorns.
 Somerset, Normandy.
462. **G. palustre**, *Linn. Marsh Bedstraw.*
 First record, Bell Salter, 1830.
 Native ; marshes and ditches ; upland woods on the chalk ;
 common. P. July—September.
 Generally distributed.

Var. *β. elongatum* (*Presl.*)C. Riverside, Dorchester; Lodmoor, *W. M. Rogers*.

D. Chamberlayne's; meadows, Bere Regis; ditches, Wareham, north side.

F. Parkstone; banks of Stour, common; Sutton Holms, *W. M. Rogers*; sides of watercourse, St. Leonard's Bridge, on the Wimborne and Ringwood main road.G. Corfe Castle, *W. M. Rogers*; Little Sea, Studland.Var. *γ. Witheringii* (*Sm.*) Often mistaken for *G. uliginosum*, which dries green.B. Chetnole, *W. M. Rogers*.C. Near Wareham Railway Station, *W. M. Rogers*.F. Leigh Common, Wimborne; Poole Junction; Hamworthy Junction, *W. M. Rogers*; ditches north of Poole railway station.

Devon, Hants, Somerset, Wilts, Normandy.

463. *G. uliginosum*, *Linn.* *Rough Marsh Bedstraw.*

First record, Bell Salter, 1830.

Native; boggy places, sides of ditches, upland woods on the chalk; less frequent. P. June—July.

A. Ashley Wood; Gorwell.

B. Bradford Abbas, *Prof. Buckman*.C. Rampisham; Evershot, *W. M. Rogers*.

D. Morden Park; Spring Gardens, Bryantspuddle.

F. Sturminster Marshall; Leigh Common, Wimborne; Shapwick, *R. P. Murray*.

G. Marsh between Corfe Castle and Arne.

Devon, Hants, Somerset, Wilts, Normandy.

464. *G. Aparine*, *Linn.* *Goose grass. (Cleden, Clyden, Dors.)*

First record, Bell Salter, 1830.

Native; hedgebanks, thickets, cultivated land; common. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

465. *G. tricornis*, *With.* *Rough Corn Bedstraw.*

First record, Bell Salter, 1830.

Colonist; cultivated fields; rare. A. June—October.

A. Cultivated ground, East Bexington.

B. Bradford Abbas, *Prof. Buckman*.

C. Cornfields, Portland.

F. East Whitechurch Farm, in a field on the west of Whitechurch plantation.

- G. Corn land, Seacombe Cliff, *W. Borrer*; near Afflington Barn, Kingston; Studland, cornfield near Old Harry. Devon, Hants, Somerset, Wilts, Normandy.

HYBRID.

466. *R. verum* + *R. mollugo*.

- F. Near Windmill Barrow, *R. P. Murray*.

ASPERULA, *Linn.*467. *A. odorata*, *Linn.* *Sweet Woodruff*.

First record, Pulteney, 1799.

Native; shaded hedgebanks; woods; frequent. P. April—June.

- A. Buckhorn Weston, *W. Harridge*; Puncknoll Wood.

- B. Remedy Wood, Minterne, *W. M. Rogers*.

- C. Evershot, *W. M. Rogers*.

- E. Woolland, *W. M. Rogers*; Doncliffe.

- F. Langton Copse; Broadley Wood, *Pulteney*; Sutton Holms, *W. M. Rogers*; Clenston Wood; Houghton Wood; Park Wood; Longthorns; Lytchett.

- G. Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

468. *A. cynanchica*, *Linn.* *Small Woodruff, Squinancy Wort*.

First record, Pulteney, 1799.

Native; downs, grassy or stony ground; usually found in the chalk and limestone districts, where it is very common. P. June—September.

- A. Longbredy, *W. Whitwell*; Eggardon Hill, *D. Stephens*.

- C. Winterbourne Steepleton, *F. T. Richard*; Poundbury; Maiden Castle; Manfield Down, *W. M. Rogers*; Portland; Lulworth Cove.

- E. Woolland; Ibberton Down; Iwerne Down.

- F. Badbury Rings, *W. M. Rogers*; Deverel Down; Websley.

- G. Creech Down; Tilly Whim; Kimmeridge Hill; Ballard Down; chalk hill above Eggleston; between Chapman's Pool and Kingston; ascent to Flower's Barrow from Arish Mill.

Devon, Hants, Somerset, Wilts, Normandy.

SHERARDIA, *Linn.*469. *S. arvensis*, *Linn.* *Blue Field Madder*.

First record, Pulteney, 1799.

Native ; cultivated and waste places ; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

VALERIANEÆ, D.C.

CENTRANTHUS, D.C.

470. [C. ruber, D.C. *Red Valerian*.

First record, Pulteney, 1813.

Alien ; walls and rocks ; not common. P. May—November.

B. Walls, Sherborne ; walls, Lillington, *F. W. Galpin* ; walls, Beaminster.

C. Bindon Hill, Lulworth, *Ridley* and *Fawcett* ; walls and rocks, West Lulworth.

E. Sturminster Newton, *W. M. Rogers* ; Studland.

G. Swanage, *W. M. Rogers* ; Stalbridge.

Devon, Hants, Somerset, Wilts, Normandy.]

VALERIANA, Linn.

471. V. officinalis, Linn. *Great Wild Valerian*.

First record, Pulteney, 1813.

“The *Valeriana officinalis* of Cranbourne Chace has gained a preference in medicine to that of other parts of England, and has been sent in large quantities to the druggists of London,” *Pulteney*.

Var. α. *Mikanii* (*Wats*).

Native ; woods, on a chalky soil ; common in favourable localities. P. June—September.

A. Hook Park.

C. Wool Wood ; Cattistock.

E. Woolland, *W. M. Rogers* ; Stoke Wood.

F. Chace Woods, *Pulteney* ; Badbury Rings, *W. M. Rogers* ; Milton Park ; Meriden Wood ; Houghton Wood ; Filgroves ; Ibberton Park ; Milton Park Wall, east side.

Var. β. *sambucifolia* (auct. angl.)

Sides of rivers and marshy meadows ; common. P. June—September.

Devon, Hants, Somerset, Wilts, Normandy.

472. V. dioica, *Linn. Small Marsh Valerian.*

First record, Pulteney, 1813.

Native ; marshy meadows ; frequent. P. April—June.

- A. Loders, *J. Jones* ; Lyme Regis, *F. T. Richard* ; Bidport.
 B. Duckett's Moor, Chetnole, *W. M. Rogers* ; marshy ground between Sherborne and Corton, *F. W. Galpin*.
 C. Evershot, near the village and the railway station ; Rampisham ; meadows, borders of the Frome, Stafford.
 D. Chamberlayne's ; boggy ground, East Morden ; Chamberlayne's meadows.
 E. Woolland, *W. M. Rogers* ; Stalbridge, *Mrs. Allen* ; Melcombe Park.
 F. Spettisbury, *E. K. Chambers* ; Blandford meadows.
 G. Corfe Castle, *W. M. Rogers* ; Luckford Lake, *Ridley* and *Fawcett* ; meadows, Creech Grange ; Stoborough ; Rempstone ; Arne.
 Devon, Hants, Somerset, Wilts, Normandy.

VALERIANELLA, *Hall.***473. V. oltoria**, *Moench. Common Lamb's Lettuce.*

First record, Bell Salter, 1830.

Native ; hedgebanks ; cultivated ground ; walls ; frequent.
A. April—August.

- A. Charmouth, *W. M. Rogers* ; Loders, *Ridley* and *Fawcett* ; walls, Stoke Abbott.
 B. Ryme ; Yetminster, *W. M. Rogers* ; Goathill, Sherborne, *F. W. Galpin*.
 C. Near the Ham railway station, Poole ; cultivated ground. Portland ; rocks, under Pennsylvania Castle ; Moreton Heath.
 D. Cultivated ground, north side of Wareham railway station.
 F. Hedgebanks, Blandford St. Mary, *W. J. Green* ; Verwood ; hedgebanks, Ensbury.
 G. Studland, *Ridley* and *Fawcett* ; hedgebanks, Creech.
 Devon, Hants, Somerset, Wilts, Normandy.

474. V. eriocarpa, *Desv. Hairy-fruited Lamb's Lettuce.*

First record, Mansel-Pleydell, 1874.

Colonist ; waste places ; very rare. A. June.

- C. Portland, waste rocky ground under Pennsylvania Castle.
 Normandy.

475. V. Auricula, *D.C. Sharp-fruited Lamb's Lettuce.*

First record, G. S. Gibson, 1843.

Colonist ; cultivated lane ; rare. A. July.

- B. Thornford; Bradford Abbas, *D. Stephens*; Chetnole; waste ground near the railway, south of bridge to Stockwood Common, *W. M. Rogers*.
- C. Portland, *G. S. Gibson*.
- F. Sides of railway between Poole and Upton.
- G. Cornfields at the base of the chalk downs, north of Swanage, *H. T. Mennell*; Langton Matravers; cultivated ground above Dancing Ledge; Punfield, in great abundance. Devon, Hants, Somerset, Wilts, Normandy.
476. *V. dentata*, *Poll.* *Narrow-fruited Lamb's Lettuce.*
First record, Bell Salter, 1830.
Colonist; cultivated ground; common. A. June—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

DIPSACEÆ, *D.C.*

DIPSACUS, *Linn.*

477. *D. sylvestris*, *Linn.* *Wild Teasle.*
First record, Bell Salter, 1830.
Native; hedges, waste bushy places, woods. B. August—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
478. *D. pilosus*, *Linn.* *Small Teasle, Shepherd's rod.*
First record, Pulteney, 1799.
Native; moist hedges and banks; rare. B. July—Sept.
"Not common. I have observed it here and there, sparingly in Purbeck, and in several places in the Vale of Blackmore."—*Pulteney*.
A. On the roadside near Sir William Oglander's gate, Parnham, *J. Jones*; hedges, Pymore Road, *Mrs. Reid*.
Devon, Hants, Somerset, Wilts, Normandy.

SCABIOSA, *Linn.*

479. *S. Succisa*, *Linn.* *Devil's-bit, Scabious.*
First record, Bell Salter, 1830.
Native; damp woods, downs, heaths, pastures, and meadows, especially in the heath districts; common. P. August—November.

- A. Powerstock, *W. M. Rogers* ; Hawkchurch ; Witherston Common ; Hook Park.
- B. Bradford Abbas, *Professor Buckman* ; Chetnole ; Ryme, *W. M. Rogers*.
- C. Blackdown, Portisham, *W. Whitwell* ; Evershot ; Rampisham ; Upwey ; Abbotsbury, *W. M. Rogers* ; Moreton ; meadows, Woolbridge ; down between Arish Mill and West Lulworth.
- D. Bere Wood ; Chamberlayne's, and extremely common in this district.
- E. Woolland, *W. M. Rogers* ; Bourton, *W. Herridge* ; Stourton Caundle ; Fifehead Neville Common ; Grange Woods, Middlemarsh.
- F. Shapwick, *W. M. Rogers* ; Clenston Wood ; Houghton Wood ; Verwood ; Manston ; Holt ; Deverel Down ; Coombe's Ditch ; Whitechurch ; Ibberton.
- G. Swanage ; Creech Grange Wood ; Barnston ; Steeple. Devon, Hants, Somerset, Wilts, Normandy.
480. **S. columbaria**, *Linn. Small Scabious.*
First record, Pulteney, 1813.
Native ; fields, downs, and banks ; common in the chalk and limestone districts. P. June—November.
- A. Dry banks, Shipton Hill, *J. J. Jones* ; Little Bredy, *W. Whitwell* ; downs above Longbredy ; Eggardon Hill.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Maiden Castle, *W. Whitwell* ; Down between Arish Mill and West Lulworth.
- E. Stalbridge, *Mrs. Allen* ; Woolland.
- F. Hilton ; Shapwick, *W. M. Rogers* ; Downs on each side of the Salisbury and Blandford main road from Ashmore to Pimperne ; abundant on Deverel Down ; Bere Down ; Houghton Down ; Ibberton, south side.
- G. Swanage, *W. M. Rogers* ; Corfe Castle, *F. T. Richard* ; pastures above Dancing Ledge ; Flower's Barrow ; Downs, Old Harry ; Kingston ; Bradle Down.
Devon, Hants, Somerset, Wilts, Normandy.
481. **S. arvensis**, *Linn. Knautia arvensis*, *Linn. Field Scabious.*
First record, Bell Salter, 1830.
Native ; hedge banks, borders of fields ; common. P. July—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

COMPOSITÆ, Linn.

i. CYNORACEPHALÆ, Juss.

ARCTIUM, Linn.

482. **A. majus, Schk. Greater Burdock.**
 First record, Bell Salter, 1830.
 Native ; hedges, woods, borders of fields, waste ground ; rare.
 B. August.
- B. Leigh, between Ryme and Melbury, on the Dorchester and Yeovil road, *W. M. Rogers.*
- C. Roadside, north of Wool Bridge ; Lulworth Cove.
- D. Sherford Bridge.
- E. Woolland, *W. M. Rogers.*
- F. Shapwick, *W. M. Rogers* ; Houghton, under Meriden Woods.
- G. Swanage, on the road to Corfe, *T. R. A. Briggs* ; Kimmeridge. Devon, Hants, Somerset, Wilts, Normandy.
483. **A. intermedium, Lange. Intermediate Burdock.**
 First record, Mansel-Pleydell, 1891.
 Native ; waste places, roadsides, borders of fields ; probably frequent. B. August—September.
- D. Keyworth, Wareham.
- F. Tarrant Keynston, *R. P. Murray* ; roadside between Park Wood and Bulbarrow. Devon, Hants, Somerset, Wilts, Normandy.
484. **A. minus, Schk. Lesser Burdock.**
 First record, Moyle Rogers, 1884.
 Native ; waste places, woods ; common. B. August.
- A. Symondsburry.
- B. Beer Hackett ; Chetnole, *W. M. Rogers.*
- C. Evershot ; Yellowham Wood, *W. M. Rogers.*
- D. Bere Wood.
- E. Bailey Ridge ; Woolland, *W. M. Rogers* ; Piddle Wood, Sturminster Newton.
- F. Branksome ; Shapwick ; Wimborne, *W. M. Rogers* ; Clenston Wood ; Houghton Wood.
- G. Bradle Down. Devon, Hants, Somerset, Wilts, Normandy.
485. **A. nemorosum, Lange. Narrow-leaved Burdock.**
 First record, Mansel Pleydell, 1891.
 Native ; roadsides, woods ; rare. B. August.
- C. Roadside, north of Woolbridge.

- F. Between Badbury Rings, and Hemsworth, *R. P. Murray* ;
Oatclose, Clenston.
G. Gadcliff, Kimmeridge Bay.
Hants, Somerset, Normandy.

SERRATULA, *Linn.*486. **S. tinctoria**, *Linn.* *Common Saw-wort.*

First record, Pulteney, 1813.

Native ; woods, thickets, and bushy places ; common. P.
July—August.

- A. Eype Cliff, *H. E. Fox* ; Loder's Field, *Pulteney* ; Puncknoll
Wood ; Ashley Wood.
B. Bradford Abbas, *Prof. Buckman* ; Chetnole Barn, Batcombe ;
Leigh, *W. M. Rogers*.
C. Portland, by Fortune's Well, *H. E. Fox* ; hedges near Wey-
mouth on the Chickereil Road ; Radipole ; wood between
Burngate and Coombe Keynes ; chalk range between Arish
Mill and West Lulworth.
D. Puddletown Wood, *Pulteney* ; Bere Wood ; Wool ; Morden ;
Chamberlayne's Copse.
E. Woolland, Hermitage, *W. M. Rogers* ; Piddle Wood, Stur-
minster Newton ; Dedmore ; copse, Fifehead Neville ;
Belchalwell ; Melcombe Park.
F. Broadley Wood, Spettisbury, *Pulteney* ; Verwood, *W. M.*
Rogers ; Houghton Wood ; Sutton Holms ; Clenston
Wood ; Alderholt ; near Daggen's Road Station ; Lytchett
Matravers.
G. Grange Wood ; Tyneham ; Cocknowle ; Povington ; Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

CARDUUS, *Linn.*487. **C. nutans**, *Linn.* *Musk Thistle.*

First record, Pulteney, 1813.

Native ; fields, waste places, hedge banks ; common. B.
May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

488. **C. crispus**, *Linn.* **C. acanthoides**, *Sm.* *Wetted Thistle.*

First record, Pulteney, 1813.

Native ; woods, hedge banks, dry commons ; common,
especially in the Vale of Blackmore. B. May—
November.

- C. Under Park Wall, East Lulworth.

- D. Waterson.
 E. Ibberton ; road side, Stoke Wake ; Piddle Wood ; Sturminster Newton ; Woolland ; King's Mill ; Fifehead Neville ; Lydlinch.
 F. Winterbourne Valley ; from Whitechurch to Houghton, by the road side ; Park Wood, Houghton ; Turnworth ; hedges, Daggen's Road ; Milton, Beach Wood.
 Devon, Hants, Somerset, Wilts, Normandy.

489. *C. pycnocephalus*, Jacq. *C. tenuiflorus*, Curt. *Slender-flowered Thistle*.

First record, Pulteney, 1799.

Waste places, generally near the sea, where it is common.

B. May—October.

- A. Bridport Harbour ; cliffs, Burton Bradstock ; Eype.
 B. Bradford Abbas, *Professor Buckman*.
 C. Upwey ; Lulworth Cove ; Abbotsbury, *W. M. Rogers* ; Weymouth ; Lodmoor ; hedges on the shore of Poole Harbour ; Holworth ; Portland ; Sutton Pointz.
 D. Wareham, *Pulteney* ; lane between Wareham railway station and Sandford ; Keysford ; Cold Harbour, Wareham.
 F. Banks, Poole Harbour, *H. Fisher*.
 G. Peverill Point, Swanage, *W. M. Rogers* ; Ninebarrow Down, *Ridley* and *Fawcett* ; Corfe Castle ; Kimmeridge Cliffs ; Cocknowle ; Flower's Barrow ; range of hills above Tyneham ; Langton Matravers, old quarry between Langton Matravers and Dancing Ledge ; Rempstone.
 Devon, Hants, Somerset, Normandy.

CNICUS, Gaertn.

490. *C. eriophorus*, Hoffm. *Woolly-headed Thistle*.

First record, Pulteney, 1799.

Native ; waste calcareous ground ; rare. B. June—September.

- A. Waste land under Eggardon Hill, *E. Fox* ; Lyme Regis ; road side between Abbotsbury and Puncknoll ; Ashley ; Whitechurch Canonicorum.
 B. Westbury, Sherborne, *F. W. Galpin* ; Ryme, rough pastures by Melbury Road, *W. M. Rogers*.
 E. Revell Farm, *Pulteney* ; Saule, Kington Magna, *W. Herridge* ; road side between Gillingham and Wincanton, *W. Galpin* ; Hazelbury Bryan Common ; Holwell.
 G. Cliffs, Dancing Ledge, Langton Matravers ; Langton quarries ; abundant between Langton and Tilly Whim, Swanage ; Worth.
 Devon, Hants, Somerset, Wilts, Normandy.

491. *C. arvensis*, *Hoffm.* *Creeping-plume Thistle.*

First record, Bell Salter, 1830.

Native; fields, hedge banks, waste ground; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

492. *C. acaulis*, *Hoffm.* *Dwarf Thistle.*

First record, Pulteney, 1799.

Native; dry fields and downs; common. P. July—Sept. Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

493. *C. lanceolatus*, *Hoffm.* *Spear Thistle.*

First record, Bell Salter, 1830.

Native; pastures, roadsides, woods; common. B. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

494. *C. palustris*, *Hoffm.* *Marsh Thistle.*

First record, Bell Salter, 1830.

Native; wet meadows, pastures, damp woods; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

495. *C. pratensis*, *Willd.* *Meadow Thistle.*

First record, Pulteney, 1799.

Native; moist heaths, meadows, woods; frequent in suitable places. P. June—August.

A. Monckton Wylde, *L. Lester*; Poorstock, *E. Fox*; Wootton Fitzpaine; Witherstone Common; moor, Gorwell; copse, Wadbrook.C. Meadow, Evershot, *W. M. Rogers*; Moreton Heath.

D. Morden Park and Decoy; meadows, Chamberlayne's; Black Hill Heath, Bere Regis; Sherford Bridge.

E. Woolland; Bailey Ridge, *W. M. Rogers*; boggy places, Grange Wood, Middlemarsh; Melcombe Park.F. Enclosures, about New Bridge, between Wimborne, and Ringwood, *Pulteney*; Broadstone Junction; heath, near Bournemouth; Knighton bog on the Poole and Ringwood road, *W. M. Rogers*; Manaton Wood; Lytchett Minster; Verwood; sides of railway, West Moors.

- G. Between Luckford Lake and Whiteway Hill, *Ridley* and *Fawcett*; meadows and marshy fields, Studland; Creech; Wareham Heath; Povington; Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

SILYBUM, Gaertn.

496. [**S. Marianum**, Gaertn. *Milk Thistle*.
First record, Pulteney, 1799.
Denizen; waste ground, cliffs, and near villages; alien; rare.
B. June—September.
- A. Burton Cliff, *Ridley* and *Fawcett*; west side of Bridport Harbour, *Pulteney*.
B. Bradford Abbas, *Prof. Buckman*; waste ground, Sherborne, *F. W. Galpin*.
C. Poole; Weymouth; Wareham, *Pulteney*; Portland, *G. S. Gibson*; Winterborne Abbas; cliffs, between Osmington and Holworth.
E. Glanville's Wootton, *J. C. Dale*.
F. Spettisbury; Charlton, *Pulteney*; Leigh Common, Wimborne.
G. St. Alban's Head; cliffs, Worbarrow Bay, *Ridley* and *Fawcett*; cliffs, Kimmeridge; Church Knowle; hedges above Godlingstone, Swanage; Studland; Worth Matravers.
Devon, Hants, Somerset, Wilts, Normandy.]

ONOPORDON, Linn.

497. **O. Acanthium**, Linn. *Common Cotton Thistle*.
First record, Pulteney, 1799.
Alien or denizen; waste places; rare. B. August—September.
- A. Little Bredy, *E. A. Eaton*; Eggardon, *E. Fox*; Burton Bradstock.
C. Poole, *Pulteney*; above Wall Down, Abbotsbury, *W. Whitwell*; Holworth Cliff.
D. Hedges between Keyworth and the Wareham railway station.
F. Winterborne Kingston, roadside west end of the village.
G. Cliffs, Punfield, Swanage; Downs, above Ulwell.
Devon, Hants, Somerset, Wilts, Normandy.

CARLINA, Linn.

498. **C. vulgaris**, Linn. *Carlina Thistle*.
First record, Bell Salter, 1839.
Native; dry fields, downs, and cliffs; common. B. June—November.
- A. Little Bredy, *W. Whitwell*.

- B. Corton Down, Sherborne, *F. W. Galpin*; Powerstock Common.
- C. Between Bindon Hill, Lulworth, and the sea, *Ridley* and *Fawcett*; downs, above Abbotsbury; Blackdown, *W. Whitwell*; Evershot; Kingcombe; quarries, Portland.
- D. Dry fields near the third milestone on the Wareham and Bere main road.
- E. Woolland, *W. M. Rogers*.
- F. Bulbarrow; Badbury Rings, *W. M. Rogers*; Deverel Down; Camp Down, Pimperne.
- G. Swanage; Corfe Castle, *W. M. Rogers*; St. Alban's Head; cliffs, Kimmeridge.
Devon, Hants, Somerset, Wilts, Normandy.

CENTAUREA, Linn.

499. **C. nigra, Linn.** *Black Knapweed.*
First record, Bell Salter, 1830.
Native; pastures, roadsides, waste ground; rare. P. June—November.
- C. Wood between Wool and Burngate; between Coombe Keynes and East Lulworth; Yellowham Wood; hedge banks between Fleet and Lynch.
 - E. Hedge banks between Melbury and Shaftesbury.
 - F. Broadley Wood; Sutton Holms; Houghton Wood; Milborne Wood; Parley; roadside between Cranborne and Daggens.
 - G. Punfield Cliff, Swanage.
- Var. *β. decipiens, Thuill.* This is the usual form in Dorsetshire and in the South of England generally. It is frequently rayless.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
500. **C. Cyanus, Linn.** *Blue Bottle.*
First record, Bell Salter, 1830.
Colonist; cornfields and waste ground; not common. A. June—October.
- C. Sides of railway between Broadstone and Poole.
 - D. Bere fields, Bere Regis; Chamberlayne's; Morden.
 - E. Stalbridge, *Mrs. Allen*.
 - F. Cultivated ground, Alderholt.
Devon, Hants, Somerset, Wilts, Normandy.
501. **C. Scabiosa, Linn.** *Greater Knapweed.*
First record, Bell Salter, 1830.

Native ; roadsides, waste places, and cornfields ; common. P.
 July—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

502. **C. Calcitrapa**, *Linn. Star-Thistle.*

First record, Flora of Dorset, 1874.

Colonist ; cultivated land ; rare. A. June—September.

B. Bradford Abbas, occasionally on the arable, introduced with seeds, *Prof. Buckman.*

Devon, Hants, Somerset, Normandy.

503. [**C. solstitialis**, *Linn. St. Barnaby's Thistle.*

First record, *Gibson's Edition of Camden's Britannica.*

"*Carduus stellatus.* It is found by the hedges here"
 (Dorsetshire), *Ray.*

Alien ; cultivated fields and hedges ; rare. A. July—September.

C. Portland, *H. E. Fox* ; Weymouth Backwater, *Mrs. M. Frampton.* Normandy.]

ii. CORYMBIFERÆ, *Juss.*

BIDENS, *Linn.*

504. **B. cernua**, *Linn. Nodding Bur-Marigold.*

First record, Pulteney, 1813.

Native ; watery places ; frequent. A. August—October.

A. Pond, Gorwell.

B. The Lake, Sherborne, *F. W. Galpin.*

C. Heffleton, *H. P. B. Norris* ; Wool Heath, *W. M. Rogers* ;
 banks of the river Frome, Dorchester, *F. W. Galpin.*

D. Morden ; Roke meadows, Bere Regis ; Sherford Bridge ; Burleston ; bog between Bryantspuddle and the Dorchester road.

E. Holwell.

F. Blandford St. Mary ; Langton, *E. K. Chambers* ; West Parley ; Leigh Common, Wimborne ; Charlton ; Nutford ; Corfe Mullen ; marshy places, roadside between Cranborne and Daggen's Road.

G. Stoborough meadows.

Devon, Hants, Somerset, Wilts, Normandy.

505. **B. tripartita**, *Linn. Tripartite Bur-Marigold.*

First record, Pulteney, 1813.

Native ; ponds, margins of ditches in marshy places, less frequent than the former. A. July—October.

- C. River Frome, above Loud's Mill, Dorchester, *F. W. Galpin* ;
Weymouth, *F. T. Richard*.
E. Fifehead Neville, *W. M. Rogers*.
F. Shapwick, *R. P. Murray* ; meadows, Sturminster Marshall ;
Durweston.
G. Stoborough Meadows.
Devon, Hants, Somerset, Wilts, Normandy.

EUPATORIUM, *Linn.*

506. **E. cannabinum**, *Linn. Hemp Agrimony*.
First record, Pulteney, 1813.
Native ; sides of streams, woods, hedges ; common. P.
July—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

DIOTIS, *Desf.*

507. [**D. maritima**, *Coss. Sea-side Cotton-weed*.
First record, Pulteney, 1813.
Native ; rocky cliffs on the sea-coast ; rare. P. August—
September.
A. Burton Bradstock, *Lightfoot* ; half-a-mile east of Burton,
Trehearne.
C. Poole, *Hudson*.
Mr. Townsend saw this plant in 1879 on a sandbank at
Mudiford, which had been thrown up by the sea within the
last twenty years.—*Flora of Hampshire*, p. 181.
Hants, Normandy.]

ARTEMISIA, *Linn.*

508. **A. Absinthium**, *Linn. Common Wormwood. (Dorset,
Boy's-Love.)*
First record, Bell Salter, 1830.
Denizen ; waste places ; rare. P. July—August.
C. Weymouth Backwater, *W. M. Rogers* ; Portland, roadside on
ascending to the Verne, and among the quarries ; Undercliff ;
hedges between Arish Mill Bay and West Lulworth.
D. Hedges near the old turnpike house, in a lane leading from
the main road to Dewlish.
E. Stalbridge, *Mrs. Allen*.
G. Little Kimmeridge ; Eastington Fields, Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

509. **A. vulgaris**, *Linn. Mug-wort.*
 First record, Bell Salter, 1830.
 Native ; hedgebanks, roadsides, waste places ; common. P.
 July—October.
- Var. *β. coarctata*, *Furcell.*
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
510. **A. maritima**, *Linn. Sea Wormwood.*
 First record, Mansel-Pleydell, 1891.
 Native ; salt marshes ; rare. P. August—September.
 G. Sandy spit of land east side of Arne, *Ridley* and *Fawcett.*
 Devon, Hants, Somerset, Normandy.

GNAPHALIUM, *Linn.*

511. **G. sylvaticum**, *Linn. Upright Cudweed.*
 First record, Pulteney, 1799.
 Native ; pastures, woods, heaths ; rather rare. P. August—
 October.
 E. Near Shaftesbury, *E. Hussey.*
 F. Knighton bog, on the Poole and Ringwood main road, *W. M. Rogers* ;
 Foxholes Wood, *R. P. Murray* ; Broadley Wood ;
 Clenston Wood.
 Devon, Hants, Somerset, Wilts, Normandy.
512. **G. uliginosum**, *Linn. Marsh Cudweed.*
 First record, Pulteney, 1813.
 Native ; damp and waste places, roadsides ; common. A.
 July—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

FILAGO, *Linn.*

513. **F. minima**, *Fries. Least Cudweed.*
 First record, Bell Salter, 1830.
 Native ; sandy places on the heaths of the county ; locally
 common. A. May—September.
 C. East Burton and Moreton Heaths.
 D. Puddletown Heath, *F. W. Galpin* ; sandy places, Bere Wood ;
 Sherford Bridge ; Chamberlayne's.
 F. West Moors ; Verwood ; by Knighton bog, on the Poole and
 Ringwood road, *W. M. Rogers* ; Alderholt Heath ; sandy
 field, Poole ; Branksome, *W. M. Rogers.*

G. Norden claypits ; Studland sandbanks.
Devon, Hants, Somerset, Wilts, Normandy.

514. **F. germanica**, *Linn.* *Common Cudweed.*

First record, Bell Salter, 1830.

Native ; dry cultivated fields, waste ground, roadsides.

A. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

515. **F. spathulata**, *Presl.* **F. Jussæi**, *Coss. and Germ.*
Spathulate Cudweed.

First record, Woods, 1848.

Native ; sandy fields and waste places ; rare. A. June—
September.

Observed by Mr. Woods at Studland in 1848, previous to
which date it had not been observed in Great Britain.

F. Hedges above Luckham Farm, Milton Abbey.

G. Studland, *J. Woods* ; cornfields, on the hills above Swanage,
W. Borrer ; cornfields, Godlingston, near Swanage.
Hants, Normandy.

PETASITES, *Tournef.*

516. **P. vulgaris**, *Desf.* *Butter-Bur.*

First record, Pulteney, 1813.

Native ; damp boggy places, sides of streams and ditches ;
frequent. P. March—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

517. [**P. fragrans**, *Presl.* *Sweet-scented Colts-foot or Butter-bur.*

First record, Mansel-Pleydell, 1874.

Alien ; hedgebanks, groves, and shady places ; rare. P.
January—March.

A. Netherbury, *E. Fox* ; Lyme Regis, *F. T. Richard* ; Litton
Cheney, *A. E. Eaton* ; Odden's Wood, Abbotsbury.

C. Chickerell, *Miss Payne.*

G. Wet grounds, near the allotments, Kimmeridge ; Swanage.
Devon, Hants, Somerset, Normandy.]

TUSSILAGO, *Linn.*

518. **T. Farfara**, *Linn.* *Common Coltsfoot.*

First record, Pulteney, 1813.

Native ; damp waste ground and cultivated fields ; common.

P. February—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ERIGERON, *Linn.*

519. *E. acre*, *Linn.* *Blue Fleabane.*

First record, Pulteney, 1799.

Native ; dry banks and pastures ; not common. P. July—August.

A. Waddon, near Loders, *Bowles.*

B. Bradford Abbas, *D. Stephens.*

C. Chickerell, *W. B. Barrett* ; Portland quarries.

D. Sandy field, on the Bere and Wareham main road, near the third milestone.

F. Copse, a little to the east of Badbury Rings ; Langton Copse, near Blandford ; on the more elevated parts of Spettisbury and Charlton Down, *Pulteney* ; in pastures above Almer, *E. Binfield* ; waste ground on the south side of Houghton Wood, *Mrs Forbes.*

G. Creech, *O. L. Mansel* ; roadside, Langton Matravers ; clay-pits, Norden ; hedge banks, on the main road between Corfe Castle and Wareham ; Wareham Heath ; Redcliff.

Hants, Somerset, Wilts, Normandy.

ASTER, *Linn.*

520. *A. Tripollium*, *Linn.* *Sea Starwort.*

First record, Pulteney, 1799.

Native ; salt marshes and muddy places near the sea ; common.

P. July—October.

Frequent along the coast on the shores of the estuaries and wherever the sea has access.

Devon, Hants, Somerset, Normandy.

SOLIDAGO, *Linn.*

521. *S. Virgaurea*, *Linn.* *Common Golden-rod.*

First record, 1799.

Native ; woods, heaths, commons ; common. P. July—September.

A. Eype Down, *E. Fox.*

B. Bradford Abbas, *Prof. Buckman* ; Leigh.

- C. Downs, above Abbotsbury, *W. Whitwell* ; Ridgeway Hill, *F. W. Galpin* ; Stinsford, *Mrs. M. Frampton* ; Portland, *G. S. Gibson* ; Evershot, *W. M. Rogers* ; Yellowham Wood ; Wool ; wood between Bovington and Coombe Keynes ; under the park wall, Lulworth.
- D. Chamberlayne's Heath ; Morden Decoy ; Piddlehinton.
- E. In the copse between Fiddleford and Sturminster Newton, *Pulteney*.
- F. Under Hod Hill, *Pulteney* ; Lytchett Heath ; common between Cranborne and Daggens ; heath near St. Leonard's Bridge, on the Wimborne and Ringwood main road ; Clenston Wood ; Houghton Wood ; Corfe Mullen ; Whitechurch Plantation ; Poole Harbour, near "The Hive."
- G. Grange Heath ; Wareham Heath ; Kimmeridge Hill ; Povington.
Devon, Hants, Somerset, Wilts, Normandy.

DORONICUM, *Linn.*

522. [**D. plantagineum**, *Linn.* *Plantain-leaved Leopard's-bane.*
First record, Mansel-Pleydell, 1891.
In open woods and roadsides ; rare. P. May.
- B. Roadside and shrubbery, Sherborne Park.
Normandy.]

SENECIO, *Linn.*

523. **S. vulgaris**, *Linn.* *Common Groundsel.*
First record, Bell Salter, 1830.
Native ; gardens, waste and cultivated ground ; common. A.
January—December.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
524. **S. sylvaticus**, *Linn.* *Mountain Groundsel.*
First record, *Pulteney*, 1799.
Native ; sandy banks, woods ; common in the heaths of the county, uncommon elsewhere. A. May—October.
- A. Eype Cliff, near Bridport, *J. Jones* ; Stonebarrow Hill, *Ridley* and *Fawcett* ; Askerswell ; Golden Cap, near Lyme Regis ; Abbotsbury Castle (Greensand).
- B. Bradford Abbas, *Prof. Buckman* ; Ryme, *W. M. Rogers*.
- C. Cliffs by Backwater, Radipole, *G. S. Gibson* ; Moreton Heath, *W. M. Rogers* ; Abbotsbury Weirs ; Lodmoor ; hedges, Radipole.

- D. About Wareham, *E. Binfield* ; hedge bank near the railway station, Wareham ; Chamberlayne's, Bere Regis ; abundant ; Morden.
- E. Holwell ; Dick's Head Hill, *W. M. Rogers*.
- F. Sandy parts of the heath between Canford and Poole, *E. Binfield* ; Parkstone ; Hamworthy Junction ; Daggens, *W. M. Rogers* ; Alderholt ; West Moors.
- G. Arne ; near Swanage, *W. M. Rogers* ; Studland Heath ; Grange Heath ; cliffs, Kimmeridge ; summit of hill above Smedmore ; St. Alban's Head.
Devon, Hants, Somerset, Wilts, Normandy.
525. **S. Jacobæa**, *Linn.* *Common Ragwort.*
First record, Pulteney, 1799.
Native ; roadsides, waste places, commons, woods ; common.
P. June—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
526. **S. erucifolius**, *Linn.* *Hoary Ragwort.*
First record, Flora of Dorset, 1874.
Native ; hedgo banks, dry fields, roadsides ; locally abundant.
P. June—November.
- A. Cliffs, Lyme Regis ; Charmouth ; Chideock ; Burton Bradstock ; Gorwell ; Bexington, abundant.
- B. Yetminster ; Leigh ; Ryme ; Batcombe, *W. M. Rogers* ; Honeycombe Wood, Sherborne, *F. W. Galpin*.
- C. Roadside, Dorchester, *F. W. Galpin* ; Abbotsbury, *W. Whitwell* ; Lodmoor ; Portland ; Lulworth Cove ; cliffs, Mewps Bay ; Rodwell ; banks of the Fleet between Wyke Regis and Lynch ; Upwey ; Abbotsbury.
- D. Sandy field near the third milestone on the Wareham and Bere main road.
- E. Buckhorn Weston Common, *F. W. Galpin* ; Hazelbury Bryan ; Hermitage ; Totnel Corner ; Dick's Head Hill, *W. M. Rogers* ; Stalbridge, *Mrs. Allen* ; Folke ; roadside above Honeycombe.
- F. Branksome, Bournemouth, *W. M. Rogers* ; La Lee, Whatcombe ; hedgebank north of Badbury Rings ; Stanbridge.
- G. Cliffs between Swanage and Punfield, abundant ; walls, Langton Matravers ; Tyneham Wood ; Winspit ; Seacombe ; Encombe Hill ; Studland.
Devon, Hants, Somerset, Wilts, Normandy.

527. **S. aquaticus**, *Huds.* *Marsh Ragwort.*
 First record, Bell Salter, 1830.
 Native; wet places, meadows, ditches; common. P. May
 —October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
528. **S. campestris**, *D. C.* *Field Fleawort.*
 First record, Pulteney, 1799.
 Native; chalk downs, and grassy waste places; rare. P.
 May—June.
 C. Lulworth Cove, *J. C. Dale.*
 F. Hod and Hambleton Hills, *Pulteney*; Spettisbury Rings;
 Nutford field, between Pimperne and Gunville; Deverel
 Down; Hod Hill; Badbury Rings; Ashmore Down (very
 luxuriant).
 Wilts, Normandy.

INULA, *Linn.*

529. **I. Helenium**, *Linn.* *Elecampane.*
 First record, Pulteney, 1799.
 Native; woods, thickets, sides of pastures; uncommon. P.
 July—September.
- A. Charmouth; Cunnington, Poorstock, *E. Fox*; Merehay;
 Nettlecombe, Bridport, *Mrs. Reid*; Abbotsbury, *Prof.*
Henstow; Gorwell Copse; Ashley.
- B. Ryme and Melbury Road; bushy places near Stockwood
 Farm, *W. M. Rogers*; East Chelborough, *E. Bower*;
 Honeycombe Wood, Sherborne, *F. W. Galpin.*
- C. Chilcombe, *J. Trehearne*; hedge between Arish Mill and
 West Lulworth.
- D. Bingham's Melcombe, *C. W. Bingham.*
- E. Woolland, *Mrs. Forbes*; Stalbridge, *Mrs. Allen*; Gig Lane,
 Buckhorn Weston, *W. Galpin*; Glanville's Wootton, *J. C.*
Dale; hedges, Hazelbury Bryan; Folke; roadside between
 Sturminster Newton and Fifehead Neville; waste ground
 near the river Stour, between Shillington and Hammoon;
 hedges, Fiddleford.
- F. Langton, near Blandford, *Pulteney*; Chalbury, between the
 Parsonage and Bush field.
- G. Pastures, West Bradle Farm, near the pathway to Smedmore,
O. L. Mansel; roadside, Langton Matravers; Stony Lane,
 West Orchard.
 Devon, Hants, Somerset, Wilts, Normandy.

530. **I. Conyza**, *D. C. Ploughman's Spikenard.*

First record, Bell Salter, 1830.

Native; woods, hedges, dry places, and rocks; not common.

B. July—September.

- A. Loders; Lyme Regis; Bridehead Wood; Charmouth; Poorstock Common.
- B. Near Sherborne, *F. W. Galpin*; Bradford Abbas, *Prof. Buckman*; Yetminster; Leigh, *W. M. Rogers*.
- C. West Lulworth, *W. M. Rogers*; rocks, Portland, *G. S. Gibson*.
- D. Sandy heath, third milestone on the Wareham and Bere main road.
- E. Marnhull, *Pulteney*; Fifehead Neville, *W. M. Rogers*; hedge banks, Melbury Abbas.
- F. Turnworth; various parts of the Chase under Hod Hill, *Pulteney*; lane between Durweston and Traveller's Rest; High Hall Wood; Whatcombe Plantation; Clenston Wood; hedges south of Badbury Rings; hedges Lytchett Matravers; Bryanston Drive; hedges between Daggens and Cranborne; Houghton Down.
- G. Corfe Castle, *Pulteney*; Gadcliff; Winspit; Encombe; Punfield; Goatarne, Arne.
Devon, Hants, Somerset, Wilts, Normandy.

531. **I. crithmoides**, *Linn. Golden Samphire.*

First record, Pulteney, 1799.

Native; maritime marshes and rocks; rare. P. July—September.

- C. Portland; Weymouth; Poole, *Pulteney*; rocks at the Bill below the lighthouse, also near Chesil Bank, *Maton*; Lulworth Cove; Arish Mill Bay; Mewps Bay.
- G. Tyneham, *Pulteney*; rocks, Gadcliff; Kimmeridge Bay; St. Alban's Head.
Devon, Hants, Somerset, Normandy.

PULICARIA, *Gaertn.*532. **P. vulgaris**, *Gaertn. Lesser Fleabane.*

First record, Pulteney, 1799.

Native; wet sandy places where water has stood during the winter; rare. A. July—September.

- D. Keyworth, east of Wareham.
- F. West Moors, *W. M. Rogers*; West Parley; Leigh Common, near Wimborne.
Hants, Wilts, Normandy.

533. **P. dysenterica**, *Linn. Greater Fleabane.*

First record, Bell Salter, 1830.

Native ; ditches, roadsides, dry places ; common. P. July—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

BELLIS, *Linn.*534. **B. perennis**, *Linn. Common Daisy.*

First record, Bell Salter, 1830.

Native ; meadows and pastures ; common. P. March—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CHRYSANTHEMUM, *Linn.*535. **C. segetum**, *Linn. Corn Marigold. Yellow Ox-eye.*
(*Dorset, Botham.*)

First record, Bell Salter, 1830.

Colonist ; cultivated land ; abundant throughout the heath districts of the county. A. June—November.

The localities specified below, are outside the heath districts.

A. Ash, Netherbury, *Mrs. Reid* ; Burton Bradstock.B. Bradford Abbas, *Prof. Buckman* ; Sherborne Park, *F. W. Galpin*.

C. Owermoigne ; Abbotsbury.

F. Cultivated ground, Spetisbury : cornfields near Houghton Wood ; Cliff field, La Lee, Whatcombe ; near Longthorns ; Thorncombe ; Bagber Farm.

G. Cornfields, Kimmeridge ; Bradle.

Devon, Hants, Somerset, Wilts, Normandy.

536. **C. Leucanthemum**, *Linn. Great White Ox-Eye.*

First record, Bell Salter, 1830.

Native ; pastures and waste places ; common. P. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

537. **C. Parthenium**, *Pers. Matricaria Parthenium*, *Linn.*
Common Feverfew.

First record, Pulteney, 1813.

Denizen ; hedge banks and waste ground ; especially near human habitations ; frequent. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

TANACETUM, *Linn.*

538. *T. vulgare*, *Linn.* *Common Tansy.*

First record, Pulteney, 1813.

Native; river banks, roadsides; frequent. P. June—September.

- A. Meadows at Loders, *Pulteney*; Lyme Regis, *F. T. Richard*; river between Bridport and the Harbour; Monkton Wyld; Ashley; Gorwell.
- B. Poyntington Village, *F. W. Galpin*; Ryme (denizen), *W. M. Rogers*.
- C. Meadows, Portesham, *A. E. Eaton*; near Evershot, *W. M. Rogers*; hedge banks, Corton, near Upwey.
- D. Hedges, Turnerspudde; Worgate.
- E. Glanvilles Wootton, *J. C. Dale*; Stalbridge, *Mrs. Allen*; river bank, King's Mill; Sturminster Newton.
- F. Blandford St. Mary; Charlton, *E. K. Chambers*; river bank in Bannell, Spettisbury, *Pulteney*; Shapwick; Daggens (denizen), *W. M. Rogers*; Longham; riverside, West Parley.
- G. Wet meadows, Ulwell, near Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

MATRICARIA, *Linn.*

539. *M. inodora*, *Linn.* *Scintless Mayweed.*

First record, Bell Salter, 1830.

Native; fields and waste places; common. A. or B. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

- Var. *β. 'salina*, *Bab.* A maritime form, leaf-segments short, fleshy and close-set; common along the coast. A variety on the Chesil Bank, near the Swannery, Abbotsbury, with disc florets ligulate, similar to those of the ray, *W. Whitwell*.

540. *M. Chamomilla*, *Linn.* *Wild Chamomile.*

First record, Bell Salter, 1830.

Cultivated and waste ground; not common. A. June—October.

- D. Cultivated land, north of the railway station, Warsham.
- E. Ibberton.

- F Waste ground, near the third milestone, on the Poole and Ringwood main road.
Devon, Hants, Somerset, Wilts, Normandy.

ANTHEMIS, *Linn.*

541. **A. nobilis**, *Linn.* *Common Chamomile.*

First record, Pulteney, 1799.

Native; grassy places and waste ground, throughout the heath districts of the county.

- A. Lyme Regis.
C. Moreton Heath, *W. M. Rogers*; Radipole; Lodmoor, near Weymouth; roadside between Gallows Hill and Wool.
D. Woodbury Hill, *Pulteney*; Morden; Chamberlayne's; Bryants-puddle.
E. Glanville's Wootton, *J. C. Dale*.
F. About Lytchett; common beyond the Wimborne turnpike going to Ringwood, *Pulteney*; Sutton Holms; Pine Drive, Branksome, *W. M. Rogers*; Upton; Henbury; Verwood.
G. Studland Bay, *W. M. Rogers*; near the Half-way House, between Corfe Castle and Wareham; Corfe Common; Kingston Common; Arne; Studland; banks between East Lulworth and Whiteway Hill.
Devon, Hants, Somerset, Wilts, Normandy.

542. **A. arvensis**, *Linn.* *Corn Chamomile.*

First record, Bell Salter, 1830.

Colonist; cultivated fields; rare. A. June—September.

- B. Bradford Abbas, *Prof. Buckman*.
F. Tarrant Keynston, *F. W. Galpin*; Branksome; Knighton Bog; Verwood Common, *W. M. Rogers*; La Lee Farm, Whatcombe; Chescombe; Alderholt; cultivated ground, Clenston Farm, field adjoining Little Wood Down; field about two miles from Poole on the Ringwood road; cornfields near Charisworth House, Whitechurch.
G. Field-border, Corfe Castle, *W. B. Barrett*; cornfields between Seacombe and Winspit, Studland.
Devon, Hants, Somerset, Wilts, Normandy.

543. **A. Cotula**, *Linn.* *Stinking Marigold.*

First record, Bell Salter, 1830.

Native; fields, waste places, and roadsides; common. A. July—October.

Devon, Hants, Somerset, Wilts, Normandy.

ACHILLÆA, *Linn.*544. **A. Millefolium**, *Linn.* *Common Yarrow.*

First record, Bell Salter, 1830.

Native; meadows and pastures, waste ground, waysides; common. P. June—December.

Devon, Hants, Somerset, Wilts, Normandy.

545. **A. Ptarmica**, *Linn.* *Sneeze-wort Yarrow.*

First record, Pulteney, 1813.

Native; meadows, bushy places, moist heaths; frequent in the heath districts of the county. P. July—September.

A. Bridport, *W. M. Rogers.*B. Between Leigh and Yetminster, *W. M. Rogers.*C. Between Woodsford and Tincleton, *E. Binfield*; Evershot, *W. M. Rogers*; meadows, Wool Bridge.D. Near Piddletown, *E. Binfield*; Chamberlayne's; Bestwall.E. Woolland, *W. M. Rogers*; banks of river Lidden near railway bridge; Sturminster Common; roadside St. Leonard's Bridge.F. Shapwick, *W. M. Rogers*; Common between Daggens and Cranborne.G. Arne, *W. M. Rogers*; Wareham Heath; meadows, Grange. Devon, Hants, Somerset, Wilts, Normandy.iii. **CICHORIACEÆ**, *Juss.***CICHORIUM**, *Linn.*546. **C. Intybus**, *Linn.* *Wild Succory.*

First record, Pulteney, 1813.

Native; roadsides, cornfields, and waste ground; frequent on the Lower Chalk, near its junction with the Woolwich and Reading beds; on other formations it is less frequent. P. June—October.

A. Walditch, *Mr. Reid.*B. Bradford Abbas, *Prof. Buckman*; Thornford; Yetminster; Beer Hackett, *W. M. Rogers.*C. Portland, Westcliff, *H. E. Fox*; near Dorchester, *W. M. Rogers*; East Lulworth; West Lulworth; Wyke Regis.D. Between Bere Wood and Poole, *W. M. Rogers*; Morden Park; West Morden; World's End; roadside near the Red Post; and on the Bere and Poole main road.E. Weston Quar, Gillingham, *W. Galpin*; Hinton St. Mary; cultivated ground, Stalbridge, *Mrs. Allen*; Fifehead Neville.

- F. Parkstone, near Salterns, *W. M. Rogers*; Sturminster Marshall; roadsides and fields, Lytchett Matravers; railway banks, Spettisbury; Milborne St. Andrew; roadside, Winterborne Kington; Leigh Common, Wimborne; turnip field, Lower Whatcombe; Houghton.
- G. Langton Matravers; waste ground near Dancing Ledge, Langton Matravers; Steeple, between Puddle Mill and Church Knowle.
- Devon, Hants, Somerset, Wilts, Normandy.

ARNOSERIS, *Gaertn.*

547. **A. pusilla**, *Gaertn. Swine's Succory*.
First record, Pulteney, 1819.
Colonist; cultivated sandy fields; rare. A. June—September.
- F. Cornfields, Damary Farm, near Blandford; Langton; Spettisbury fields, *Pulteney*; cultivated ground near West Moors Station.
- G. Cornfield, between Mr. Pike's wharf, Redcliff, and Wareham. Somerset † Normandy.

LAPSANA, *Linn.*

548. **L. communis**, *Linn. Common Nipple-wort*.
First record, Bell Salter, 1830.
Native; woods, hedge banks, waysides; common. A. June—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

PICRIS, *Linn. (Helminthia Juss.)*

549. **P. hieracioides**, *Linn. Hawkweed Ox-tongue*.
First record, Pulteney, 1813.
Native; borders of fields and waste places; frequent on chalk, rare elsewhere. B. or P. July—October.
- A. Lyme Regis; Hook Park; Witherstone; Charmouth.
- B. Berwick by Honeycombe; Ryne, *W. M. Rogers*; Bradford Abbas, *D. Stephens*.
- C. Dorchester; Maiden Newton; Upwey, *W. M. Rogers*; chalk-pit between East Lulworth and Arish Mill; East Lulworth; Abbotsbury; Portland; Moreton, south side.
- D. Hedge banks, Shitterton Farm, Bere Regis.
- E. Hartmoor Hill, *W. Galpin*; Woolland, *W. M. Rogers*, Fifehead Neville; grassy launchets, east of Melbury Abbas.

- F. Banks of cornfields, Damary, Blandford ; Enfield Bottom and about Durweston ; Hod Hill, *Pulteney* ; Houghton Wood ; Parkstone ; grassy places south of Ibberton Wood ; Sturminster Marshall ; chalk-pit on the roadside between Cranborne and Daggon Station.
- G. Swanage, *W. M. Rogers* ; Creech Grange ; Langton Matravers. Devon, Hants, Somerset, Wilts, Normandy.

550. *P. echioides*, *Linn. Bristly Ox-tongue.*

First record, *Pulteney*, 1799.

Native ; fields and hedge banks, cliffs ; frequent on stiff clay soil, not so elsewhere. B. or P. July—October.

"I have found it more frequent in the neighbourhood of the sea than inland."—*Pulteney*.

- A. Charmouth, *W. M. Rogers* ; North Hill, Bridport, *Ridley* and *Fawcett* ; Lyme Regis ; Poorstock ; abundant between Bexington and Abbotsbury ; Puncknoll.
- B. Bradford Abbas, *Prof. Buckman* ; Chetnole ; Ryme ; Leigh ; Beer Hackett ; Yetminster, *W. M. Rogers*.
- C. Upwey, *W. M. Rogers* ; grassy launchets above Abbotsbury ; Lodmoor ; Chickerell ; Portland ; East Lulworth.
- E. Sturminster Newton ; Stalbridge, near the railway ; Map-powder ; Buckland Newton ; Fifehead Neville ; Stalbridge ; Sturminster Newton.
- F. Parkstone, *W. M. Rogers*.
- G. Swanage ; Corfe Castle, *W. M. Rogers* ; Kimmeridge cliffs, abundant ; Creech Grange Wood ; Langton Matravers ; Tyneham ; base of Gadcliff, Kimmeridge Clay ; Povington. Devon, Hants, Somerset, Wilts, Normandy.

CREPIS, *Linn.*

551. *C. virens*, *Linn. Smooth Hawk's-beard.*

First record, Bell Salter, 1830.

Native ; fields, pastures, cultivated land ; common. A. or B. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

552. [*C. biennis*, *Linn. Large Rough Hawk's-beard.*

First record, Bell Salter, 1830.

Colonist ; cultivated ground ; rare. B. July—August.

Doctor Bell Salter gives no locality. The asterisk attached to this plant in his list indicates that it is not uncommon and

frequently met with in a circuit of 16 miles round Poole. He probably mistook it for the large forms of the preceding.]
Devon, Hants, Somerset, Wilts, Normandy.

553. **C. taraxacifolia**, *Thuill.* *Small Rough Hawk's-beard.*

First record, Moyle Rogers, 1880.

Colonist ; cultivated ground ; border of fields ; rare. B. June—July.

- E. Woodland, in a long strip of waste land below the plantation, north of the Rabbit Warren, *W. M. Rogers.*
Devon, Hants, Somerset, Wilts, Normandy.

HIERACIUM, *Linn.*

554. **H. Pilosella**, *Linn.* *Mouse-ear Hawkweed.*

First record, Bell Salter, 1830.

Native ; pastures, banks, heaths, downs ; common. P. May—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

555. **H. murorum**, *Linn.* *Wall Hawkweed.*

First record, Pulteney, 1899.

Native ; rocks, walls, and dry places ; rare. P. May—August.

- C. Rocks on the weirs below Pennsylvania Castle.

- F. Old walls, Shaftesbury, *Pulteney.*

- G. Cliffs in Purbeck, *Pulteney.*

Devon, Hants, Somerset, Wilts, Normandy.

556. [**H. vulgatum**, *Fries.* **H. sylvaticum**, *Sm.* *Hawkweed.*

First record, Bell Salter, 1830.

- Native ; woods, hedge banks, bushy places ; rare. P. July—Sept.

Bell Salter marks this plant in his List as extremely common within eight miles of Poole. It is probable he mistook it for the following, which is locally frequent in the county.

The List gives no locality.

Devon, Hants, Somerset, Wilts, Normandy.]

557. **H. tridentatum**, *Fries.* *Three-toothed Hawkweed.*

First record, Mansel-Pleydell, 1874.

Native ; woods, hedge banks, heaths ; frequent. P. July—August.

- C. Wood, near Bindon Abbey.

- D. Banks, Bestwall, near Wareham.
 E. Piddle Wood, Sturminster Newton.
 F. Parkstone; near Hamworthy Junction; Canford Chine; West Moors, *W. M. Rogers*; Clenston Wood; Houghton Wood; Park Wood, Houghton; banks, Alderholt; hedge banks on the main road between Wimborne and Ringwood; between Poole and Ringwood, near the third milestone.
 G. Creech Heath; hedge banks, near the Preventive Station, Studland.
 Devon, Hants, Somerset, Wilts, Normandy.
558. **H. umbellatum**, *Linn. Narrow-leaved Hawkweed.*
 First record, Pulteney, 1799.
 Native; heaths, hedge banks, bushy places; not common. P. August—November.
 A. Roadside, Mapperton; Netherbury, *E. Fox*; Lyme Regis.
 B. Bradford Abbas, *D. Stephens*.
 C. Roadside, Longham, *Bell Salter*; Blackdown, Portisham, *W. M. Rogers*; sandy ground between the potteries and the railway station; heath near the Junction of the Poole and Parkstone main road; wood north of Woolbridge.
 D. Chamberlayne's Bridge; hedge banks on road to Wool.
 E. Waste ground between Bulbarrow and Woolland; Melcombe Park.
 F. Branksome, *W. M. Rogers*; roadside between Cranborne and Daggon Road Station; West Parley; hedge banks near Merley; Houghton Wood; roadside between Wareham and St. Leonard's Bridge; hedge banks, Lytchett Matravers; Charborough.
 G. Arne; Corfe Castle, *W. M. Rogers*; Luckford Copse; Bradle Down; banks near Creech claypits; Studland Heath; Povington Heath; hedges near Ulwell on the south side.
 Devon, Hants, Somerset, Wilts, Normandy.
559. **H. boreale**, *Fries. Broad-leaved Hawkweed.*
 First record, Pulteney, 1799.
 Native; hedge banks, margins of woods; not common. P. August—September.
 A. Abbotsbury weirs.
 C. Roadside, Longham, *Bell Salter*; Blackdown, above Portisham, *W. Whitwell*; sandy ground between the potteries and railway station, Parkstone.
 E. Sturminster Newton; Melbury Abbas.

- F. Broadly Wood ; Langton Copse ; Ashley Wood, *Pulteney* ;
Verwood ; Shapwick, *W. M. Rogers* ; Delcombe Wood ;
Houghton Wood, north side ; Sutton Holms ; roadside
between Lytchett and Charborough ; Alderholt
- G. Povington Heath ; Creech Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.

HYPOCHÆRIS, *Linn.*

560. **H. glabra**, *Linn. Smooth Cat's-ear.*
First record, Mansel-Pleydell, 1874.
Native ; dry sandy fields ; rare. A. June—August.
- C. Sandy places, Moreton, *Mrs. Mary Frampton.*
- F. Branksome, Poole ; Canford, *W. M. Rogers* ; sand
banks, North Haven ; cultivated ground near the third
milestone on the Poole and Ringwood main road ; leyfield
abutting Poole Harbour on the west side of Salterns.
- G. South Haven ; Little Sea, Studland ; Studland sandbanks.
Devon, Hants, Somerset, Wilts, Normandy.
561. **H. radicata**, *Linn. Long-rooted Cat's-ear.*
First record, Bell Salter, 1830.
Native ; meadows, pastures, roadsides, banks ; common. P.
May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

LEONTODON, *Linn.*

562. **L. hirtus**, *Linn. Thrincla hirta, Roth. Hairy Hawk-bit.*
First record, Pulteney, 1813.
Native ; heaths, commons, pastures ; common. P. June—
November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
563. **L. hispidus**, *Linn. Apargia hispida, Wild. Rough
Hawk-bit.*
First record, Pulteney, 1813.
Native ; meadows, pastures, hedge banks ; common. P.
May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
564. **L. autumnalis**, *Linn. Autumnal Hawk-bit.*
First record, Bell Salter, 1830.

Native ; meadows, pastures, roadsides ; common on the chalk.

P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

TARAXACUM, *Juss.*

565. *T. officinale*, *Web. Dandelion.*

First record, Bell Salter, 1830.

Native ; meadows, roadsides, pastures, gardens, waysides ;
common. P. March—November.

Var. *α.* *A. Dens Leonis*, *Desf.*

Generally distributed.

Var. *β.* *erythrospermum* (*Andrz.*)

Sandbanks, downs, walls, ; not common.

C. Abbotsbury, *W. M. Rogers* ; sandbanks, Smallmouth sands,
near the Ferry-bridge.

F. Deverill Down, Milborne St. Andrew ; Pimperne
Down.

Var. *γ.* *palustre*, *D. C.*

Damp meadows and boggy ground.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

LACTUCA, *Linn.*

566. *L. virosa*, *Linn. Strong-scented Lettuce.*

First record, Pulteney, 1799.

Native ; hedge banks, waste places, rocks ; rare. B. July—
August.

A. Hedges, Vale of Marshwood, *E. Foz.*

C. Bincombe, *Mrs. Mary Frampton* ; Portland, rocks under
Pennsylvania Castle.

G. Rocks under Gadcliff.

Devon, Hants, Somerset ? Wilts, Normandy.

567. *L. saligna*, *Linn. Least Wild Lettuce.*

First record, Pulteney, 1799.

Native ; waste ground ; rare. B. July—August.

C. In lanes about Cerne and Evershot, *Pulteney.*

G. Corfe Castle, *Bell Salter.*

Normandy.

568. *L. muralis*, *Fresen. Ivy-leaved Lettuce.*

First record, Pulteney, 1799.

Native; walls, rocks, hedge banks, woods; rare. P. July—November.

C. Portland, *G. S. Gibson.*E. About Shaftesbury; Ashcombe Toller, *Pulteney*; hedge banks, Gain's Cross on the main road between Durweston and Blandford, Shillingstone.F. Spettisbury, *Pulteney*; near Blandford, *W. M. Rogers*; Bryanston cliff, *F. W. Galpin*; park wall, on the road leading from Upper Houghton to Bulbarrow, rather abundant.

Devon, Hants, Somerset, Wilts, Normandy.

SONCHUS, *Linn.*569. [*S. palustris*, *Linn. Tall Marsh Sow-thistle.*

First record, Pulteney, 1799.

Native; sides of rivers and rills; rare. P. July—August.

"In some places by the banks of the Stour; by ditches and rills on the coast."—*Pulteney.*]

Normandy.

570. *S. arvensis*, *Linn. Corn Sow-thistle.*

First record, Bell Salter, 1830.

Native; cultivated fields and waste places; common. P. July—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

571. *S. oleraceus*, *Linn. Common Sow-thistle.*

First record, Bell Salter, 1830.

Native; cultivated and waste ground, roadsides; common.

A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

572. *S. asper*, *Hoffm. Rough Sow-thistle.*

First record, Bell Salter, 1830.

Native; cultivated and waste ground, abundant on clay, especially in the neighbourhood of the sea; common. A.

May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

TRAGOPOGON, *Linn.*

573. **T. pratensis**, *Linn.* *Yellow Goat's-beard.*

First record, Pulteney, 1813.

Meadows and pastures; common. B. June—July.

Var. *g. minus*, *Mill.* This is the most frequent form throughout the county.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

574. [**T. porrifolius**, *Linn.* *Purple Goat's-beard*, *Salsify.*

First record, Bell Salter.

Denizen; meadows and hedge banks; rare. B. June—July.

C. Woodsford Poor Land, *Mrs. M. Frampton.*

D. Hedge banks, Rye Hill, Bere Regis.

Devon, Hants.]

CAMPANULACEÆ, *Juss.***CAMPANULA**, *Linn.*

575. **C. rotundifolia**, *Linn.* *Hare-bell.*

First record, Bell Salter, 1830.

Native; heaths, downs, dry banks; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

576. [**C. patula**, *Linn.* *Spreading Bell-flower.*

First record, Pulteney, 1799.

Native; woods, hedges, and thickets; very rare. B. July—September.

F. In the woods above Corfe Mullen, and in lanes near Merley, but it is very scarce, *Sir H. Parker*; not confirmed since.

Hants, Somerset, Wilts, Normandy.]

577. **C. latifolia**, *Linn.* *Great Bell-flower.*

First record, Moyle Rogers, 1884.

Denizen? woods and bushy places; rare. P. July—October.

C. Evershot, two miles on the Rampisham Road, in a grassy ditch; several plants within a few feet of each other. Not known as a native of Dorsetshire but apparently well established here, *W. M. Rogers.*

Wilts, Normandy.

578. *C. Trachelium*, Linn. *Nettle-leaved Bell-flower*.

First record, Pulteney, 1799.

Native; woods, thickets, hedges; common in the chalk and limestone districts. P. August—November.

- A. Bothen Wood, Bridport, *Mrs. Reid*; Hyde, Bridport; Little Bredy.
- C. Lulworth, *Pulteney*; Coombe Keynes.
- D. Bloxworth; Milborne Wood.
- E. About Shaftesbury; many parts of Cranborne Chase, *Pulteney*; hedges, Melbury Abbas, *F. W. Galpin*; Copse, under Hod Hill; Ibberton.
- F. Woods about Milton Abbas, *Pulteney*; Talbot Village, Kinson, *W. M. Rogers*; Blandford St. Mary, *E. K. Chambers*; Houghton Park; Houghton Wood; hedges between Winterbourn Kingston and Anderson; Rye Close, Houghton; Clenston Wood.
- G. Creech Grange Wood, *Pulteney*; Langton Matravers, *W. M. Rogers*; Hyde Wood, Steeple; Tynsham Wood; Cocknowle; Rempstone Wood; Povington Wood.
Devon, Hants, Somerset, Wilts, Normandy.

579. *C. glomerata*, Linn. *Clustered Bell-flower*.

First record, Pulteney, 1799.

Native; dry pastures, down, hedge banks, thickets; frequent, especially on the chalk. P. July—November.

- A. Little Bredy, *W. Whitwell*; Eggardon Hill, *Mrs. Reid*.
- C. Mamebury, near Dorchester, *G. S. Gibson*; Compton Abbas, *E. T. Leach*; Winterborne Stepleton, *F. T. Richard*; Maiden Castle, *W. Whitwell*; chalk-range above West Lulworth.
- D. Banks between the Bere Regis main road and Bryantspuddle.
- E. Stalbridge, *Mrs. Allen*; chalk-outliers below Bulbarrow; Ibberton.
- F. Hod and Hambleton Hills; Mill Down, Blandford, *Pulteney*; lane between Durweston and Traveller's Rest; Deverill Down; Ibberton Park; Houghton Wood; hedges east of Houghton Rectory; Quarleston Down and Plantation, Bryanston; Delcombe.
Hants, Somerset, Wilts, Normandy.

580. [*C. rapunculoides*, Linn. *Creeping Bell-flower*.

First record, Mansel-Pleydell, 1891.

Colonist; cultivated land; rare. P. June—August.

- F. Cultivated ground, The Down House.
- G. Langton Matravers.
Normandy.]

SPECULARIA, Heist.**581. S. hybrida, D.C. Lesser Venus' Looking-glass.**

First record, Pulteney, 1799.

Colonist; cornfield; frequent. A. June—September.

- A. Loders, *J. Jones*; North Hill, Lyme Regis, *Ridley* and *Fawcett*.
 B. Bradford Abbas, *Prof. Buckman*; cornfields, north of Sherborne, *F. W. Galpin*.
 C. Arish Mill Gap, *Ridley* and *Fawcett*; cornfields, Portland, *G. S. Gibson*; Maiden Castle, *W. M. Rogers*; Cerne, *D. Stephens*; cultivated fields between Gallows Hill and Wool; West Lulworth; Bindon, East Lulworth.
 D. Shitterton Farm.
 E. Stalbridge, *Mrs. Allen*.
 F. Common in the cornfields about Blandford; Spettisbury Field, *J. Jones*; Chescombe; La Lee Farm, Whatcombe; Bryanston; Milborne St. Andrew; Badbury Rings; Eastbury; Tarrant Gunville.
 G. Worth Matravers, *W. Borrer*; Swanage; Langton Matravers; Creech claypits; West Bradle; Godlingeton.
 Devon, Hants, Somerset, Wilts, Normandy.

WAHLENBERGIA, Schrad.**582. W. hederacea, Reich. Ivy-leaved Wahlenbergia.**

First record, Bell Salter, 1830.

Native; hedge banks, damp heaths, boggy and sandy places; rare. P. August—September.

- A. A peaty spot, Poorstock Common, *T. Wainwright*.
 D. Bere Wood, *R. P. Murray*.
 F. Turfy bank near the Church, West Parley, *J. H. Austen*; hedge bank, near Alderholt; West Moors, north of Railway Station.
 Devon, Hants, Somerset, Wilts, Normandy.

PHYTEUMA, Linn.**583. P. orbiculare, Linn. Round-headed Ramprion.**

First record, Mansel-Pleydell, 1874.

Native; chalk downs; rare. P. July—August.

- F. Tinkley Down, *Hon. Mrs. Oldfield*.
 Hants, Wilts, Normandy.

JASIONE, Linn.**584. J. montana, Linn. Common Sheep's-bit.**

First record, Pulteney, 1813.

Native ; sandy pastures, sand-banks ; locally frequent. P.
June—July.

- A. Under Pillesdon Hill ; Eype Down ; Golden Cap, Lyme Regis ;
Chardstock.
- C. Cliffs, from Poole Harbour to Bournemouth ; between
Gallow's Hill and Wool ; Moreton Heath ; East Burton.
- D. Keysworth, near Wareham ; Morden ; Chamberlayne's.
- F. Heath, about three-quarters of a mile from West Moors
Railway Station, *W. M. Rogers* ; Ensbury Heath, *J. H.
Austen* ; Lytchett Heath ; Verwood.
- G. Kimmeridge Hill ; Redcliff, near Wareham ; Studland Heath ;
South Haven.
Devon, Hants, Somerset, Wilts, Normandy.

ERICACEÆ, *Kl.*

ERICA, *Linn.*

585. *E. Tetralix*, *Linn.* *Cross-leaved Heath.*

First record, Pulteney, 1799.

Native ; damp heaths, bogs ; common. Shrub. June—
September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

586. *E. ciliaris*, *Linn.* *Fringed-leaved Heath.*

First record, J. Woods, 1848.

Native ; dry heaths ; rare. Shrub. June—September.

- G. Fitzworth Heath, *J. Woods* ; Scotland Heath, between
Rempstone and Studland ; Wareham Heath, between
Stoborough and Arne ; Heath under Creechbarrow.
Normandy.

Var. *g. tetralici-ciliaris*. *E. Watsoni*, D.C. (*Nym, Consp. p. 488*).

First record, Mansel-Pleydell, 1891.

- G. Heath between Stoborough and Arne, near the cross-road
leading to Corfe Castle.
Normandy.

587. *E. cinerea*, *Linn.* *Fine-leaved Heath.*

First record, Pulteney, 1799.

Native ; heaths and downs ; common. Shrub. June—
September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CALLUNA, Salisb.**588. C. Erica, D.C. Common Ling.**

First record, Bell Salter, 1830.

Native; heaths, downs, woods; common. Shrub. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

VACCINIUM, Linn.**589. V. Myrtillus, Linn. Common Bilberry.**

First record, Pulteney, 1799.

Native; dry woods and heaths; not common. Shrub. April—June.

A. Charmouth, *W. M. Rogers*; Eype Down, *E. Fox*; Golden Cap, Lyme Regis; Lambert Castle; Pillesdon.B. Bubb Down, *W. M. Rogers*.C. West Hill Heath, Evershot, *F. W. Galpin*; Down above Abbotsbury, *W. Whitwell*; Blackdown; chalk range between Melbury and Minterne (abundant).

D. Sayer's Wood, Bryantspuddle; Rye Hill Copse, Bere Regis.

G. Creech Grange Wood, *Pulteney*; copse on the Creech side of the chalk range, Wareham Heath.

Devon, Hants, Somerset, Wilts, Normandy.

MONOTROPEÆ, Nutt.**HYPOPITHYS, Scop.****590. H. multiflora, Scop. Yellow Bird's-nest.**

First record, Pulteney, 1813.

Native; plantations, especially among firs and beech trees; rare. P. July—September.

C. Fir plantations, Hefleton, *E. Fox*.F. Stourpaine bushes, near Blandford, *E. Binfield*; Websley Wood, *Hon. Lucy E. Portman*; Durweston Hang, *J. W. Green*; under beech trees, Milton Abbey Park, *Dr. Fielding*; beech wood, Hilton, on the south side of the village; fir plantation, Whatcombe; Clenston Wood.

Hants, Somerset, Wilts, Normandy.

COROLLIFLORÆ.

OLEACEÆ, *Lindl.*LIGUSTRUM, *Linn.*

591. **L. vulgare**, *Linn.* *Common Privet.*
 First record, Pulteney, 1799.
 Native ; thickets, hedges, woods ; common. Shrub.
 June—July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

FRAXINUS, *Linn.*

592. **F. excelsior**, *Linn.* *Common Ash.*
 First record, Bell Salter, 1830.
 Native ; hedges, woods, and parks ; common. Tree. April.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

APOCYNEÆ, *Br.*VINCA, *Linn.*

593. **V. major**, *Linn.* *Greater Periwinkle.*
 First record, Bell Salter, 1830.
 Alien ; hedges and groves ; occasionally. P. April—July.
 A. West Milton, *E. Fox* ; roadsides, Charmouth, *Ridley* and
Fawcett.
 B. Bradford Abbas, *Prof. Buckman.*
 C. Stinsford, *F. W. Galpin.*
 E. Glanville's Wootton, *J. C. Dale* ; Stalbridge, *Mrs. Allen* ;
 Fifehead Magdalen, *W. Galpin* ; Longburton, *F. W.*
Galpin.
 F. Heathy ground between Upton and Henbury.
 G. Corfe Castle, *Rowe* ; Encombe.
 Devon, Hants, Wilts, Somerset, Normandy.
594. **V. minor**, *Linn.* *Smaller Periwinkle.*
 First record, Pulteney, 1813.
 Denizen ; hedge banks, woods, and thickets ; not common.
 P. April—June.
 A. Hedges, Lodors, *J. Jones.*
 B. Between Sherborne and Yeovil, *T. Rackett* ; Bradford Abbas,
Prof. Buckman.

- D. Grove, Bingham's Melcombe ; hedge banks, Higher Waterson.
 E. Glanville's Wootton, *J. C. Dale* ; Stalbridge, *Mrs. Allen*.
 F. Banks, Milton Abbey, near the Old Deer Park.
 Devon, Hants, Somerset, Wilts, Normandy.

GENTIANACEÆ (*Juss*) *Lindl.*

GENTIANA, *Linn.*

595. *G. Pneumonanthe*, *Linn.* *Calathian Violet.*

First record, Pulteney, 1799.

Native ; heaths, on the drier margins of bogs ; frequent in suitable places. P. August—October.

- D. Keyworth ; Chamberlayne's Heath ; Black Hill, Bere Regis ; heath near the third milestone from Wareham, on the Bere main road ; Morden Decoy, very abundant.
 F. Kinson Heath, *J. H. Austen* ; edge of the bog between St. Leonard's Bridge, on the Wimborne and Ringwood main road ; West Moors.
 G. Rempstone Heath ; Grange Heath ; heath between East Lulworth and Whiteway Hill ; Povington ; heath between Stoborough and Arne.
 Hants, Normandy.

596. *G. campestris*, *Linn.* *Field Gentian.*

First record, Pulteney, 1799.

Native ; pastures ; not common. A. May—September.

- A. Fields, Eggardon Hill, *J. Jones*.
 E. Stalbridge, *Mrs. Allen*.
 F. Pimperne Down, near Blandford, *Pulteney* ; Deveril Down ; Clenston Wood.
 G. Flower's Barrow, west side.
 Devon, Hants, Somerset, Wilts, Normandy.

597. *G. Amarella*, *Linn.* *Autumnal Gentian.*

First record, Pulteney, 1799.

Native ; downs, open pastures, woods ; frequent. A. August—October.

Probably noticed by Turner, as he mentions "a little Gentian growing in Dorsetshire and on Salisbury Plain."—Herbal iii., 25.

- A. Loders' Common Field, *Pulteney* ; Burton Bradstock, downs and pastures near the sea.
 B. Liberty Farm, Halstock, *E. Bower*.

- C. Mamebury Rings, Dorchester, *G. S. Gibson*; hillside, Abbotsbury, above the chalk-quarry, White Hill, Abbotsbury, *W. Whitwell*; Compton Abbas, *E. F. Linton*; Lulworth Cove; Moreton Heath.
- D. Tolpuddle Down.
- E. Rough ground between Woolland and the chalk-range; Rushmore.
- F. Nutford Field; Pimperne Down; Langton Copse, *Pulteney*; Houghton Down; Clenston Wood; Launceston and Gunville Down; Blandford Race Course; Quarlston Down, Bryanston; Houghton Wood; Colwood and Muston Down; Deveril Down.
- G. Quarries, Langton Matravers; down above Durlleston, Swanage; Tyncham Wood; West Bradle Down.
- Var. γ . *præcox*, *Gentianella fugax verna*, seu *præcox*. Ray Synop., ed. 3, 275. May—June.
- C. Bindon Hill, *Ryder* and *Fawcett*.
- F. Deveril Down.
- G. Grassy slopes between Durlleston and Tilly Whim, Swanage. Mr. Townsend says of this plant: "It is a smaller and more branched plant than the type; in height it seldom exceeds three inches; the leaves are narrower, the lower ones rounded at the end; the flowers are mostly long-stalked. The corolla is more usually 4-cleft; the cor. and cal. segments are apparently broader in proportion to their length, and the filaments broader and inserted higher in the tube. Attention was first called to it by Mr. F. Stratton, Journ. of Botany, 1878, p. 263. The difference in the time of flowering between the type and their variety is remarkable."—Townsend's Flora of Hants, p. 216. Devon, Hants, Somerset, Wilts, Normandy.

MICROCALA, *Hffgg. Lk. (Cicendia)*.

598. **M. filiformis**, *Link. Slender Cicendia*.

First record, Pulteney, 1799.

Native; heaths; frequent in suitable places. A. June—July.

- C. Moreton Heath, *Pulteney*.
- D. About a mile from Sherford Bridge on the road to Wareham, *Pulteney*; pathway between Blackhill brick-kiln and Bere Regis Heath, near the third milestone on the Wareham and Bere Regis main road; Bloxworth Heath.
- F. Common on Poole Heath and by The Fleet; on the way from Corfe Mullen to Poole; on the heath between Wimborne

and Ringwood, *Pulteney*; Verwood Common; Poole Backwater, *W. M. Rogers*; Hamworthy Junction; heath south of Parkstone Railway Station; West Moors.

- G. Wareham Heath; Studland Heath; sandy ground, Little Sea, Studland; South Haven.
Devon, Hants, Normandy.

ERYTHRÆA, *Rich., ap. P.*

599. **E. Centaurium**, *Pers. Common Centaury.*

First record, *Pulteney*, 1813.

Native; pastures, woods, heaths, downs, cliffs; common. A.
June—October.

Generally distributed.

Var. *β. capitata*, Koch, non *E. capitata*, Willd, might easily be mistaken for *E. latifolia* or *E. littoralis*. The lateral branches of the corymb are usually wanting.

This variety occurs only on the downs and limestone pastures in the neighbourhood of the sea.

C. Hills above Abbotsbury; hill above Mewps Bay.

G. Seacombe; Round Down, Swanage.

Devon, Hants, Somerset, Wilts, Normandy.

600. **E. capitata**, *Willd. Tufted Centaury.*

First record, *E. S. Marshall*, 1891.

Native; chalk and limestone pastures; rare. A. or B. July—August.

G. Pastures Tilly Whim, Swanage.

There were only two recorded stations of it—one in the Isle of Wight, the other in Sussex—until 1891, when the *Rev. E. S. Marshall* found it growing on the pastures above Tilly Whim and the Lighthouse. I had gathered it the year before at the same place.

Hants.

601. **E. pulchella**, *Fries. Dwarf Centaury.*

First record, *Pulteney*, 1799.

Native; damp sandy ground, downs, especially near the sea; rather rare. A. July—October.

A. Damp places on the coast between Abbotsbury Castle and Preventive Station, *W. Whitwell*; Powerstock Common, *Mrs. Reid*; ley-field, West Bexington, near the Chesil Bank.

B. Bere Hackett, *W. M. Rogers*.

C. Portland weirs, under Pennsylvania Castle; Fleet.

- F. Pastures adjoining the salt-water at Lytchett Bay, *Binfield* ;
Salterns, *W. B. Barrett* ; Sutton Holms, *R. P. Murray* ;
Poole Backwater, *W. M. Rogers*,
- G. Damp sandy ground, South Haven ; Old Harry, Studland ;
Godlingston ; Arish Mill Bay ; Arne ; Little Sea ; Dancing
Ledge, Langton Matravers ; South Haven.
Devon, Hants, Somerset, Normandy.

CHLORA, Linn.

602. *C. perfoliata*, Linn. (*Blackstonia*) Yellow Centaury.

First record, Pulteney, 1799.

- Native ; banks and grassy slopes, cliffs ; frequent, especially
in calcareous soils. A. June—September.
- A. Between Lyme Regis and Charmouth, *Ridley* and *Fawcett* ;
banks of river, Wadbrook ; Symondsbury ; West Bexington ;
Abbotsbury ; Eggardon Hill ; Poorstock Common ; Eype
Cliff ; Coombe Wood, Litton Cheney ; Puncknoll ; Lyme
Regis, both on the lias and green sand ; Golden Cap ; cliffs,
Bridport.
- B. Honeycombe Wood, *F. W. Galpin* ; Bradford Abbas, *Prof.*
Buckman ; Batcombe, *T. Marshall* ; Bere Hackett, *D.*
Stephens ; Sherborne Hill, *W. M. Rogers*.
- C. Radipole, *Miss Payne* ; Compton Abbas, *E. F. Linton* ; Hol-
worth Cliffs.
- E. Stalbridge, *Mrs. Allen* ; Hartmore Hill, Buckhorn Weston,
W. Heridge ; Dick's Head Hill, *W. M. Rogers* ; rough
ground between Woolland and the chalk range ; grassy
launches, Melbury Abbas, east of the village.
- F. Hod and Hambleton Hills ; Nutford Field, *Pulteney* ; chalk-
pit between Cranborne and Dagen's Road Station ; grassy
patches north side of Clenston Wood.
- G. Isle of Branksea, *Pulteney* ; grassy banks, Winspit ; Sea-
combe ; Punfield, Swanage ; Ulwell ; Worth Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

LIMNANTHEMUM, Gmel.

603. [*L. mymphoides*, Linn. Round-leaved Buckbean.

First record, Pulteney, 1813.

- Native ; ponds and margins of slow running rivers ; rare.
P. July—August.
- A. In the swampy bottom near Lodgers, *J. Jones* ; not confirmed
since.
Normandy.]

MENYANTHES, Linn.**604. M. trifoliata, Linn. Common Buckbean.**

First record, Pulteney, 1813.

Native ; wet meadows, heaths, bogs ; frequent. P. May—June.

A. Poorstock ; Chardstock, *W. M. Rogers* ; Gorwell.B. Pond, Osborne, *F. W. Galpin*.C. Wool Heath, *W. M. Rogers* ; marshy places, Hook Park.D. Morden Park Lake, *Pulteney* ; Affpuddle ; Chamberlayne's meadows, Bere Regis.F. Meadows near the Stour, Spettisbury and Shapwick, *Pulteney* ; Knighton third milestone on Poole and Ringwood road, *W. M. Rogers*.

G. Stoborough meadows ; Little Sea, Studland ; bogs, Creech ; Arne ; meadows, Grange.

Devon, Hants, Somerset, Wilts, Normandy.

CONVOLVULACEÆ, Vent.**CALYSTEGIA, Br.****605. C. Sepium, Br. Great Bind-weed, White Convolvulus.**

First record, Bell Salter, 1830.

Native ; hedges and thickets ; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

606. C. Soldanella, Br. Sea Bind-weed.

First record, Turner, 1887.

Native ; sandy seashores ; not common. P. July—August.

A. Burton Bradstock, *Pulteney* ; Bridport Harbour, near the ship-yard ; Chesil Bank, Swyre.C. "I have not seen it in England, saving only in Portland," *Turner* ; Weymouth, *Pulteney* ; Portland, cave below Pennsylvania Castle, *H. E. Fox* ; sandy places at the base of the Chesil-Bank between Portland and Abbotsbury.F. Poole, *Pulteney*.G. Swanage, *Pulteney* ; Kimmeridge Bay ; Studland Bay.

Devon, Hants, Somerset, Normandy.

CONVOLVULUS, Linn.**607. C. arvensis, Linn. Field Convolvulus.**

First record, Bell Salter, 1830.

Native ; cultivated fields, waste ground and hedges ; common.

P. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CUSCUTA, *Linn.*

608. *C. europæa*, *Linn.* *Great Dodder.*

First record, Pulteney, 1799.

Native ; parasitical on herbaceous and shrubby plants ; rare.

A. August—September.

A. Lyme Regis, *F. T. Richard.*

F. On nettles about Blandford, on beans in Pimperne cornfields, *Pulteney* ; on vetches, Upper Houghton Farm ; on clover, Clenston Farm, field adjoining Littlewood Down.

Hants, Somerset, Wilts, Normandy.

609. *C. Epilinum*, *Weih.* *Flax Dodder.*

First record, Flora of Dorset, 1874.

Alien ; parasitical on flora ; rare. A. July—August.

B. Bradford Abbas, *Prof. Buckman.*

Somerset, Wilts, Normandy.]

610. *C. Epithimum*, *Linn.* *Lesser Dodder.*

First record, Pulteney, 1799.

Native ; parasitical on furze, heath, and thyme ; common in the heath districts of the county. A. June—October.

A. Golden Cap, Lyme Regis.

C. On furze and heather, Blackdown ; Puddletown Heath, *W. M. Rogers* ; on furze on the down above Abbotsbury, *W. Whitcell* ; on furze, Portland.

D. On heath between Oakers Wood and Affpuddle ; Chamberlayne's Heath.

F. Near the "Head," Poole, *W. B. Barrett* ; Ensbury Heath, *J. H. Austen* ; Alderholt.

G. On furze, Stoborough Heath ; Cerne Abbas Down ; Corfe Heath ; Studland Heath.

Devon, Hants, Somerset, Wilts, Normandy.

611. *C. Trifolii*, *Bab.* *Clover Dodder.*

First record, Flora of Dorset, 1874.

Denizen ; parasitic on clover ; not common. A. July—August.

B. Bradford Abbas, *Prof. Buckman.*

- C. Portland, fields above the West Cliff, *H. E. Fox*; sandy places, Chesil Bank, Portland, *W. B. Barrett*.
 D. Clover field, Bingham's Melcombe, *C. W. Bingham*.
 E. Stockhill, Gillingham, *W. Galpin*; Harpits, *W. Harridge*.
 F. Clover field, Winterbourne Kingston, south side of the village. Devon, Hants, Somerset, Wilts, Normandy.

SOLANACEÆ (*Juss*) *Bartl.*

HYOSCYAMUS, *Linn.*

612. *H. niger*, *Linn.* *Common Henbane.*

First record, Pulteney, 1813.

- Native; waste ground, sea shores; not common. B. May—August.
- A. Near Loders, *Ridley* and *Fawcett*; cliffs, Burton Bradstock, *E. Fox*; West Bay, Bridport, *Mrs. Reid*; cliffs, Lyme Regis.
- B. Brook near Clifton Wood, *Dr. Stephens*.
- C. Bindon Hill; Lulworth Cove, *Ridley* and *Fawcett*; cliffs, Holworth; Portland, waste ground near Pennsylvania Castle; Abbotsbury, Chesil Bank; waste ground above Stavordale Wood.
- E. Roadside between Shillingstone and Gain's Cross.
- F. Waste ground, Ibberton Hill; Whatcombe Common; Milborne St. Andrew, near the Manor House.
- G. Waste ground near Corfe Castle, *W. M. Rogers*; cliffs, Kimmeridge; Arne village; Studland sands. Devon, Hants, Somerset, Wilts, Normandy.

SOLANUM, *Linn.*

613. *S. nigrum*, *Linn.* *Black Nightshade.*

First record, Bell Salter, 1830.

- Native; cultivated and waste ground, seashores; not common. B. July—October.
- C. Near Sandsfoot Castle, Weymouth, *W. M. Rogers*; Duddle, near Dorchester, *F. W. Galpin*; cultivated ground, Portland.
- D. Cultivated ground, Cold Harbour, on the Wareham and Bere main-road; waste ground north of Wareham Railway Station.
- E. Woolland, *W. M. Rogers*; Stalbridge, *Mrs. Allen*.
- F. Parkstone; Poole, *W. M. Rogers*; West Parley; sandy ground near "The Hive," Poole Harbour.

- G. Waste ground, Creech ; Stoborough meadows ; sandy shore, Studland ; shore, Arne.
Devon, Hants, Somerset, Wilts, Normandy.
614. **S. Dulcamara**, *Linn. Woody Nightshade.*
First record, Bell Salter, 1830.
Native ; hedges, copses, waste places ; common. Shrub.
June—September.
Generally distributed.
- Var. *β. marinum*, *Syme.*
A. Chesil Bank, Bexington.
Devon, Hants, Somerset, Wilts, Normandy.

ATROPA, *Linn.*

615. **A. Belladonna**, *Linn. Deadly Nightshade.*
First record, Pulteney, 1799.
Native ; waste places ; very rare. P. June—August.
C. Churchyard, Chettle, *Pulteney* ; shrubbery, Morden, *W. M. Heath.*
D. Hedges, East Morden, *Pulteney.*
G. Purbeck, *Pulteney.*
Devon, Hants, Somerset, Wilts, Normandy.

DATURA, *Linn.*

616. [**D. Stramonium**, *Linn. Common Thorn Apple.*
First record, Bell Salter, 1830.
Casual ; an escape from garden cultivation ; waste ground, allotments ; not common. A. July—August.
D. Manure heaps, between Wareham and the railway station.
E. Glanvilles Wootton, *C. W. Dale.*
F. Sturminster Marshall, *R. P. Murray* ; manure heaps, roadside between Shillingstone and Gain's Cross ; allotments, Winterbourne Whitechurch.
G. Kimmeridge Bay.
Devon, Hants, Somerset, Wilts, Normandy.]

LYCIUM, *Linn.*

617. [**L. barbarum**, *Linn. Tea plant.*
Alien ; naturalized on coasts. Shrub. June—September.
A. Bexington.
C. West Lulworth.
G. Kimmeridge Coastguard Station.]

SCROPHULARINÆ, Br.**VERBASCUM, Linn.****618. V. Thapsus, Linn. Great Mullein.**

First record, Pulteney, 1813.

Native; hedgebanks, waste ground; common. P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

619. V. Blattaria, Linn. Moth Mullein.

First record, Pulteney, 1799.

Denizen or alien; waste ground, orchards; very rare. B. July—September.

A. Vease Farm, between West Road and Eype Church, *Mrs. Reid*.C. Railway embankment, Bradford Peverell, *W. Whitwell*.E. Orchard, Shillingstone, near the Post-office, *Walter W. Dayman*.F. Orchard, Spettisbury, *Pulteney*; orchard, Milbourne St. Andrew.

Devon, Hants, Somerset, Wilts, Normandy.

620. V. nigrum, Linn. Dark Mullein.

First record, Pulteney, 1799.

Native; waste ground, roadsides, hedge banks; rare. P. June—August.

A. Pillesdon Churchyard, *E. Fox*.B. Bradford Abbas, *Prof. Buckman*.

C. Abbotsbury.

D. Hedge-bank, Shitterton, Bere Regis, near the poor allotments.

F. Woodcutts, *Hon. Mrs. Oldfield*; Sturminster Marshall field; about Corfe Mullen, *Pulteney*; hedges, Anderson, and on the main road above; Rushton Down; hedge-banks between Clenston and Stickland; hedge banks, on the roadside between Thorny Down and St. Giles' (very abundant).G. Cocknowle, *O. L. Mansel*; Langton quarries, *D. A. Cockerell*.
Devon, Hants, Somerset, Wilts, Normandy.**VERONICA, Linn.****621. V. arvensis, Linn. Wall Speedwell.**

First record, Bell Salter, 1830.

Native; walls, dry places, hedge banks, sandy places; common. A. May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

622. *V. serpyllifolia*, Linn. *Thyme-leaved Speedwell*.

First record, Pulteney, 1799.

Native; fields, roadsides, woods, heaths; common. P.
April—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

623. *V. spicata*, Linn. *Spiked Speedwell*.

First record, Mansel Pleydell, 1891.

Casual; heaths; rare. P. July—August.

E. Kington Magna, meadow near the Rectory, *W. Galpin*.
Hants, Normandy.

624. *V. chamædrys*, Linn. *Germander Speedwell*.

First record, Bell Salter, 1830.

Native; woods, pastures, hedge banks; common. A.
April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

625. *V. scutellata*, Linn. *Marsh Speedwell*.

First record, Pulteney, 1799.

Native; wet plain boggy meadows and heaths; not common.
P. June—August.

A. Poole and Canford Heaths, *Pulteney*; riverside, near the mill,
Loders, *J. Jones*; Gorwell, *A. E. Eaton*.

C. Edges of ponds, Hook Park, *E. Fox*; Wool, meadows
opposite Heffleton Lodge; Moreton Heath, near the railway
station.

D. Marshy places between Chamberlayne's and Fillioles;
Burleston, sides of river.

E. Totnell Common, Bailey Ridge, *W. M. Rogers*; Stalbridge
Mrs. Allen.

F. Meadows on the Stour, Blandford; Leigh Common, near
Wimborne; boggy grounds, sides of railway, between Ver-
wood and West Moors railway station; rough ground near
the river between St. Leonard's Bridge and Uddens.

G. Damp meadows, Creech, *O. L. Mansel*.

Devon, Hants, Somerset, Wilts, Normandy.

626. *V. Anagallis*, Linn. *Water Speedwell*.

First record, Pulteney, 1813.

Native ; ponds, sluggish streams and ditches ; common.
June—September.

- A. Loders, *J. Jones*.
- B. Bradford Abbas, *Prof. Buckman* ; Yetminster ; Chetnole,
W. M. Rogers ; Sherborne Park Lake.
- C. Ailwell ; river Frome, Dorchester ; Frampton, *W. M. Rogers*.
- D. River, Chamberlayne's, Bere Regis ; Morden Park.
- E. Belchalwell, *W. M. Rogers*.
- F. Shapwick, *W. M. Rogers* ; Leigh Common, Wimborne ; river,
Spettisbury ; Crichel Lake.
- G. Swanage, near the Church ; Ulwell.
Devon, Hants, Somerset, Wilts, Normandy.

627. **V. Beccabunga**, *Linn. Brooklime.*

First record, Bell Salter, 1830.

Native ; ditches, muddy shallow ponds, and streams ;
common. P. May—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

628. **V. montana**, *Linn. Mountain Speedwell.*

First record, Pulteney, 1799.

Native ; woods, heaths, hedge banks. P. May—August.

- A. Mangerton, *J. Jones* ; Abbotsbury Lake, *W. Whitwell* ;
Monkton Wyld ; Hook Park ; Lyme Regis, Castle Rings.
- C. Wyke Wood, near Abbotsbury, *W. Whitwell* ; woods,
Evershot, *F. W. Galpin*.
- E. Prince's Wood, Middlemarsh, *F. W. Galpin* ; copse,
Nettlecombe Tout ; Dedmore ; Stoke Wood.
- F. Hod Hill ; Lytchett ; Milton Abbey Wood, *Pulteney* ; Oat-
close, Clenston ; Lee Wood, Whitechurch ; Meriden Wood,
Houghton ; Sutton Holms.
- G. Bucknowle, *O. L. Mansel* ; Hyde Wood, Steeple ; Creech
Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.

629. **V. hederæfolia**, *Linn. Ivy-leaved Speedwell.*

First record, Pulteney, 1799.

Native ; cultivated ground, fields, gardens ; common. A.
April—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

630. **V. polita**, *Fr. Grey Procumbent Speedwell.*

First record, Bell Salter, 1830.

Native ; cultivated fields, gardens, waste ground ; common.
A. January—December.

Var. *β. grandiflora*, *Bab.*

G. Cornfields between Worth Matravers and St. Alban's Head,
W. Borrer.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

631. *V. agrestis*, *Linn.* *Green Procumbent Speedwell.*

First record, Bell Salter, 1830.

Native ; habits similar to the above ; not common. A.
February—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

632. *V. persica*, *Poir.* *Buxbaum's Speedwell.*

First record, Flora of Dorset, 1874.

Colonist ; cultivated fields and waste places ; common. A.
January—December.

A native of Eastern Europe and Central Asia, now thoroughly
naturalised in Great Britain, and threatens to exterminate
the two previous plants.

Generally distributed.

Hants, Wilts, Somerset, Normandy.

633. *V. officinalis*, *Linn.* *Common Speedwell.*

First record, Pulteney, 1799.

Native ; woods, heaths, banks ; common. P. April—
September.

Devon, Hants, Somerset, Wilts, Normandy.

BARTSIA, *Linn.*

634. *B. viscosa*, *Linn.* *Yellow Bartsia. Marsh Eyebright.*

First record, Bell Salter, 1830.

Native ; boggy pastures and waste ground on the heath
districts of the western side of the county ; rare. A.
June—October.

F. Moor, west of Poole Junction, about quarter-of-a-mile from the
railroad and a mile further west for some way ; Poole
Backwater, *W. M. Rogers* ; Lytchett Minster, *E. F.*
Linton ; by the sides of the railway between Broadstone and
Hamworthy Junction.

G. Boggy pastures, Arne.

Devon, Hants, Normandy.

635. **B. Odontites**, *Huds. Red Bartsia.*

First record, Bell Salter, 1830.

Native; cultivated ground, waysides; common. A. June—September.

Var. *α. verna*, *Reich.*Var. *β. serotina*, *Reich.*Both of segregates are generally distributed.
Devon, Hants, Somerset, Normandy.**EUPHRASIA**, *Linn.*636. **E. officinalis**, *Linn. Common Eyebright.*

First record, Bell Salter, 1830.

Native; pastures, heaths, roadsides; common. A. May—October.

Generally distributed.

Var. *β. gracilis*, *Fr.*

D. Chamberlayne's, Bere Regis.

F. West Moors, *W. M. Rogers*; Longthorns; grassy places,
Clenston Wood; Ibberton Wood.

Devon, Hants, Somerset, Wilts, Normandy.

RHINANTHUS, *Linn.*637. **R. Crista-galli**, *Linn. Yellow Rattle.*

First record, Bell Salter, 1830.

Native; meadows, pastures, and woods; common. A. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

MELAMPYRUM, *Linn.*638. **M. pratense**, *Linn. Common Cow-Wheat.*

First record, Chafin, 1820.

Native; woods and thickets; common. A. May—September.

A. Between Wootton Fitzpaine and Monckton Wylde, *Ridley*
and *Fawcett*; Puncknoll Wood; Chardstock; Hook Park.B. Bubb Down, *W. M. Rogers*; Honeycombe Wood; Clifton
Wood.C. Kingcombe Wood; wood between Burngate and Coombe
Keynes; East Lulworth.

D. Bere Wood; Chamberlayne's Copse.

E. Donclyffe; Piddle Wood, Sturminster Newton.

- F. West Moors, *W. M. Rogers*; Clenston Wood; Houghton Wood; Holt; Manaton Wood; Sutton Holms; Verwood; copse between Cranborne and Daggen's Road Station; Sutton Holms.
- G. Copse, Creech; grassy banks between Rempstone and Studland; bushy places on the Poole Estuary.
Devon, Hants, Somerset, Wilts, Normandy.
639. [**M. arvense**, *Linn.* *Field Cow-Wheat*.
First record, Pulteney.
Colonist? cornfields; very rare. A. July—August.
D. Bere field; "seen two years and lost," *Pulteney*.
Hants, Normandy.]

PEDICULARIS, *Linn.*

640. **P. sylvatica**, *Linn.* *Procumbent Lousewort*.
First record, Pulteney, 1813.
Native; pastures, heaths, and downs. A. or P. April—Sept.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
641. **P. palustris**, *Linn.* *Upright Lousewort*.
First record, Pulteney, 1813.
Native; boggy and marshy places; common. A. or P.
April—September.
- A. Gorwell Moor.
B. Chetnole; Melbury Park.
C. Bog, Moreton Heath; riverside, Wool.
D. Morden Park Lake; Sherford Bridge; Chamberlayne's, Bere Regis.
E. Woolland, *W. M. Rogers*.
F. Leigh Common, Wimborne, *W. M. Rogers*; boggy ground, Lytchett Matravers; West Moors; swamp, roadside between Cranborne and Daggen's Road Station.
G. Stoborough meadows; Arne; Studland, south of Little Sea.
Devon, Hants, Somerset, Wilts, Normandy.

SCROPHULARIA, *Linn.*

642. **S. aquatica**, *Linn.* *Common Water Betony*.
First record, Bell Salter, 1830.
Native; sides of ditches and streams; common. P. May—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

643. **S. nodosa**, *Linn. Knotty-rooted Figwort.*

First record, Pulteney, 1813.

Native; woods and damp shady places; common. P.
May—October.

- A. Woods, Whitchurch Canonicorum; Bettiscombe.
- B. Chetnole; Ryme, *W. M. Rogers.*
- C. Evershot; Yellowham Wood, *W. M. Rogers.*
- D. Copse, Rye Hill brick-kiln, Bere Regis; Bere Wood.
- E. Bailey Ridge; Woolland, *W. M. Rogers*; Stalbridge, *Mrs. Allen*; Piddle Wood, Sturminster Newton; Stoke Wake Wood.
- F. Higher Manaton Wood; Clenston Wood; Houghton Wood.
- G. Grange Wood; Hyde Wood, Steeple; Norden claypits; Langton Matravers; above Wilke's Wood.
Devon, Hants, Somerset, Wilts, Normandy.

DIGITALIS, *Linn.*644. **D. purpurea**, *Linn. Foxglove.*

First record, Pulteney, 1813.

Native; woods, commons, banks; locally common. P.
June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ANTIRRHINUM, *Linn.*645. [**A. majus**, *Linn. Snapdragon.*

First record, Bell Salter, 1830

Alien; old walls; not common. P. June—September.

- A. Walls, Netherbury.
- C. Walls, Dorchester, *F. W. Galpin*; walls, Portland.
- G. Rocks, West Lulworth; walls, Smedmore.
Hants, Wilts, Normandy.]

646. **A. Orontium**, *Linn. Corn Snapdragon.*

First record, Pulteney, 1813.

Colonist; cultivated ground; common. A. June—
September.

- A. Loders, *J. Jones*; Lyme Regis.
- B. Osborne.
- C. Owre Moyne.
- D. Near Wareham, *F. T. Richard*; Chamberlayne's, Bere Regis; Bloxworth; Cold Harbour; on the Bere and Wareham main road; Shitterton Allotment.
- E. Fifehead Neville.

- F. Cornfields about Blandford and Spettisbury, *Pulteney*; Poole, Parkstone, by Poole Junction, *W. M. Rogers*; Merly; Milborne St. Andrew; Houghton; Poole.
- G. Studland, *W. M. Rogers*; Arne.
Devon, Hants, Somerset, Wilts, Normandy.

LINARIA, *Juss.*

647. [**L. Cymbalaria**, *Mill. Ivy-leaved Toadflax.*
First record, Pulteney, 1799.
Alien; walls; common. P. June—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.]
648. **L. spuria**, *Mill. Round-leaved Fluellin.*
First record, Pulteney, 1799.
Colonist; cultivated ground and cornfields; frequent. A.
May—November.
- A. Cornfields, Bridport, *J. Jones*; Shipton Gorge, *E. Fox*; sides of roadway south-west of Abbotsbury Castle, *W. Whitwell*; cornfield, Puncknoll.
- B. Bradford Abbas, *Prof. Buckman*; cultivated ground above the Slopes, Sherborne, *F. W. Galpin*.
- C. Lodmoor and road to Radipole, *G. S. Gibson*; hedges between Arish Mill and West Lulworth; cornfields, West Lulworth; above Mewps Bay; Fleet; Portland; Ridgeway; Rodwell; Chickerell; Abbotsbury.
- D. Shitterton Farm, Bere Regis.
- E. Fifehead Neville, *Mrs. Allen*.
- F. Hambledon and Hod Hills; cornfields, Stickland Lane; Langton; Pimperne, *Pulteney*; Blandford St. Mary, *E. K. Chambers*; Milborne St. Andrew; Clenston; La Lee, Whitchurch; Chescombe, Milton Abbas.
- G. Langton Matravers, *W. M. Rogers*; Blackmanston; Steeple; Kimmeridge; Seacombe; St. Alban's Head; Bradle; Punfield; Godlingston; cornfields, Worth Matravers.
Devon, Hants, Somerset, Wilts, Normandy.
649. **L. Elatine**, *Mill. Sharp-leaved Fluellin.*
First record, Pulteney, 1799.
Colonist; similar habits to the preceding; frequent. A.
July—September.
- A. Puncknoll; West Bexington.
- B. Bradford Abbas, *Prof. Buckman*; Sherborne, *W. Galpin*.

- C. Hillside between Abbotsbury and the Castle, *W. Whitwell* ; cornfields west of Arish Mills ; above Mewps Bay.
- D. Cultivated ground, Cold Harbour, on the Wareham and Bere Regis main road.
- E. Woolland, *W. M. Rogers* ; Stalbridge, *Mrs. Allen* ; Harpits, Gillingham, *W. Herridge*.
- F. Kinson, near Hamworthy Junction ; cornfields, Chescombe Farm ; Milton Abbas ; near Upton ; Milborne St. Andrew.
- G. Ulwell, *W. M. Rogers* ; Punfield ; Creech claypits ; Seacombe ; cornfields east of St. Alban's Head. Devon, Hants, Somerset, Wilts, Normandy.
650. **L. vulgaris**, *Mill.* *Yellow Toadflax.*
First record, Bell Salter, 1830.
Native ; hedges, banks, roadsides ; common. P. July—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
651. **L. repens**, *Mill.* *Striped Toadflax.*
First record, Bell Salter, 1839.
Native ; waste places and hedges ; very rare. P. June—September.
- G. Langton Matravers, *Lester Lester*.
Devon, Hants, Somerset, Normandy.
652. **L. supina**, *Desf.* *Decumbent Toadflax.*
First record, J. Boswell Syme, 1866.
Alien ; sandy places ; rare. A. May—October.
- F. On ballast, Poole, *Boswell Syme*.
Devon, Normandy.
653. **L. viscosa**, *Moench.* *Least Toadflax.*
First record, Pulteney, 1799.
Colonist ; cornfields, waste ground, banks ; frequent. A. July—November.
- B. Chetnole ; Yetminster, *W. M. Rogers* ; Bradford Abbas, *D. Stephens*.
- C. Evershot Railway Station, *W. Galpin* ; waste ground, Ridgeway ; Portland ; sides of railway, Backwater, Weymouth.
- D. Bere cornfields, *Pulteney* ; sandy ground near the third milestone on the Wareham and Bere main road ; Roke Farm, Bere Regis.
- E. Bourton, near Gillingham, *W. Galpin*.

- F. Langton, near Blandford, *Pulteney*; Milborne St. Andrew; Eastbury; Whitechurch, fields near the Industrial School; Chescombe; Thorncombe; St. Leonard's Bridge on the Wimborne and Ringwood main road; Longthorns.
- G. Cornfields, north of Ninebarrow Down.
Devon, Hants, Somerset, Wilts, Normandy.

[MIMULUS, *Linn.*

654. *M. luteus*, *Linn.* *Yellow Monkey-flower.*
Naturalised from Western North America; rare. P. July—September.
- C. Riverside, Bradford Peverell, *W. B. Barrett*; riverside near Mill, east of Dorchester, *W. M. Rogers*; on the right bank of the Wey, between Broadway and Radipole; Minterne.
- E. Bourton, near Gillingham, *W. Galpin.*
- F. Stream near Clenston Church; Houghton, in the stream and dam-head abundant.
Devon, Hants, Somerset, Wilts.]

OROBANCHEÆ, *Rich.*OROBANCHE, *Linn.*

655. *O. major*, *Linn.* *Greater Broom-rape.*
First record, *Pulteney*, 1799.
Native; parasitical on furze, broom, and other leguminous plants; not common. P. May—June.
- A. Loders, *Dr. Jefford*; Golden Cap, Lyme Regis, *E. Fox*; on furze, Charmouth, cliff pastures, east side.
- B. Bradford Abbas, *Prof. Buckman.*
- C. Fordington Fields, *Mrs. M. Frampton.*
- D. On furze by the path leading from the base of Black Hill, Bere Regis, to Turner's Puddle.
- E. Woolland Wood, *W. M. Rogers*; Harpet; Buckhorn Weston, *W. Galpin.*
- F. On furze, Kingston Down.
- G. On furze, Studland Heath, *A. E. Eaton*; Godlingston, Swanage.
Devon, Hants, Somerset, Wilts, Normandy.
656. *O. elatior*, *Sutton.* *Tall Broom-rape.*
First record, *Pulteney*, 1813.
Native; parasitic on *Centaurea Scabiosa*; rare. P. May—June.

- A. Loders, *Dr. Jefford*.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Maumbury, near Dorchester, *G. S. Gibson*; Compton Abbas, *E. J. Ludlow*.
- D. Sherford Bridge.
- E. Compton Abbas, *E. F. Linton*.
- F. Plentifully in Spettisbury and Charlton Fields, *E. Binfield*.
- G. Corfe Castle, near the river, below the Mill.
Hants, Somerset, Wilts, Normandy.

657. **O. minor**, *Sm. Lesser Broom-rape.*

First record, Pulteney, 1799.

Native; parasitic on clover and other plants; common. P.
June—October.

- A. Bradpole, *Mrs. Reid*.
- B. Bradford Abbas, *Prof. Buckman*; Lillington, *W. M. Rogers*.
- C. Moreton, *Mrs. M. Frampton*; Abbotsbury, *A. E. Eaton*;
Junction, near Evershot Station; by Puddletown Heath,
W. M. Rogers.
- D. Clover field, Roke Farm, Bere Regis; Puddletown.
- E. Melbury Abbas, *F. W. Galpin*; clover, Hinton St. Mary;
Iwerne Minster.
- F. In Pimperne fields, upon vetches and clover; in clover fields,
between Blandford and Corfe Mullen, *Pulteney*; near
Hamworthy Junction; near Winterbourne Kingston, *T. R. A. Briggs*;
clover fields, Whitechurch; Milborne St. Andrew; Crichel;
hedge banks, Badbury Rings; Thorncombe; Quarlston, near Bryanston;
La Lee Farm, Whatcombe; Lytchett, upon *Trifolium scabrum*.
- G. Corfe Castle, *W. M. Rogers*; clover-field, Creech Grange;
hedge bank, Studland; Arne.
Devon, Hants, Somerset, Wilts, Normandy.

658. **O. Hederae**, *Dub. Ivy Broom-rape.*

First record, Mansel-Pleydell, 1874.

Native; parasitic on ivy; rare. A† June—October.

- C. Portland, Undercliff, *H. E. Fox*.
- F. Longthorns.
- G. Corfe Castle river, *T. R. A. Briggs*; Gadcliff, Kimmeridge Bay.
Devon, Hants, Somerset, Wilts, Normandy.

659. **O. Pieridis**, *F. W. Schultz. Picris Broom-rape.*

First record, Mansel-Pleydell, 1891.

Native; parasitic on *Picris hieracioides*; rare. P. June—
July.

B. Bradford Abbas, *D. Stephens*.
Hants, Normandy.

660. *O. amethystea*, *Thuill.* *Bluish Broom-rape.*

First record, Ridley and Fawcett, 1882.

Native; parasitical on *Daucus*; rare. P. June—July.

Very abundant on waste ground facing the sea between Seacombe and St. Alban's Head, *Ridley* and *Fawcett*.
Devon, Normandy.

LATHRÆA, *Linn.*

661. *L. squamaria*, *Linn.* *Toothwort.*

First record, Pulteney, 1799.

Native; parasitic on roots of hazel in shady places; rare.
P. April—May.

E. Glanville's Wootton, *J. C. Dale*; Stoke Wake; hedge bank on roadside ascending to Bulbarrow; Stoke Wake Wood; Chase Wood, Ashmore; Armswell; Melcombe Park.

F. Chace Wood, Chettle, and near West Lodge, *Pulteney*; hedge bank, Heathy-field Copse, Clenston; banks, Houghton Park Wood.

G. Creech Grange, *O. L. Mansel*.

Devon, Hants, Somerset, Wilts, Normandy.

VERBENACEÆ, *Juss.*

VERBENA, *Linn.*

662. *V. officinalis*, *Linn.* *Vervain.*

First record, Pulteney, 1799.

Native; road sides, hedge banks, waste ground; locally common, otherwise rare. P. May—November.

A. Littlebredy, *A. E. Eaton*; Poorstock, *E. Fox*; Symondsburly; Bothenhampton.

B. Waste ground, Sherborne, *F. W. Galpin*; Bradford Abbas, *D. Stephens*; Leigh, *W. M. Rogers*.

C. Pennsylvania, Portland, *H. E. Fox*; Burngate, East Lulworth; West Lulworth.

D. Waste ground near Mr. Radclyffe's Lodge on the Wareham and Bere main road; Rye Hill and Butt Lane, Bere Regis.

F. Tarrant Rushton, *E. K. Chambers*; Shapwick, *W. M. Rogers*; hedge between the Old Turnpike-gate and Blandford on the Dorchester Road; Whitechurch, near the Industrial School; roadside between Higher Whatcombe and Clenston; timber yard, La Lee; Leigh Common, near Wimborne; Crichel.

- G. Corfe Castle, *W. M. Rogers*; Tilly Whim, Swanage; Church Knowle; Lutton Farm, Steeple; Swanage; Studland; Punfield; below the Chalk Range, between Corfe Castle and Newell.
Devon, Hants, Somerset, Wilts, Normandy.

LABIATÆ, *Juss.*

SALVIA, *Linn.*

663. **S. Verbenaca**, *Linn. Sage or Clary.*
First record, Pulteney, 1799.
Native; dry fields, banks, roadsides, sea cliffs; not common.
P. May—November.
- A. Lodders, *Pulteney*; Littlebredy, *A. E. Eaton*; Poorstock, *E. Fox*; Lyme Regis, *Ridley* and *Fawcett*; cliffs, Burton Bradstock; Symondsbury.
- B. Bradford Abbas, *Prof. Buckman.*
- C. Ramparts about Wareham; common in Portland, *Pulteney*; Weymouth; Preston, *W. M. Rogers*; grassy places below Abbotsbury Castle; roadside, West Lulworth.
- E. Castle Hill, Shaftesbury, *Pulteney.*
- F. Langton Churchyard, *Pulteney*; Shapwick, *R. P. Murray*; hedge bank between Houghton and Stickland.
- G. Corfe Castle, *Pulteney*; hedge banks, Ulwell; cliffs, Swanage; Winspit Quarries, Langton Matravers; Tyneham Cap; roadside between Langton Matravers and Worth; under wall west of Lighthouse, Swanage; Gadcliff.
Devon, Hants, Somerset, Wilts, Normandy.

LYCOPUS, *Linn.*

664. **L. europæus**, *Linn. Water Horehound, Gipsywort.*
First record, Bell Salter, 1830.
Native; sides of rivers, ditches, and wet land; frequent. P. June—October.
- A. On the borders of the Brett and Asker, *Dr. Jefford*; sides of the Yeo, Sherborne, *F. W. Galpin*; Litton Cheney, *A. E. Eaton*; banks of Bredy, near Puncknoll; hedge banks between Litton and Puncknoll.
- B. Bradford Abbas, *D. Stephens*; between Chetnoleand Yetminster, *W. M. Rogers*; Sherborne Park Lake.
- C. Lulworth Park Lake; meadow below Wool wood; banks of Frome, Stafford; Moreton meadows.
- D. Cultivated ground near Chamberlayne's Bridge; river side, Chamberlayne's; boggy places near Long Plantation, Piddlehinton; Morden Lake; East Morden; Slackford Water.

- E. Fifehead Neville, *W. M. Rogers*.
 F. Cliff near Lillipport Farm, Poole, *W. B. Barrett*; Shapwick;
 Parkstone, *W. M. Rogers*; banks of Stour, Corfe Mullen;
 Durweston; Bryanston; Crichel Lake; wet fields near
 Upton; Manaton Wood; Leigh Common, near Wimborne;
 damp places in copse near Daggens, on the Cranborne side.
 G. Ditches, Redcliff, Wareham; Bestwall; Corfe river, between
 the town and the mill; Godlingston; Arne; sides of the
 river below Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.

MENTHA, *Linn.*

665. *M. rotundifolia*, *Linn.* *Round-leaved Mint*.
 First record, Bell Salter, 1830.
 Native; damp places, sides of ditches; rare. P. July—
 August.
 A. Mangerton, near Bradpole, *E. Fox*.
 F. Waste and damp places, Rushton, *J. H. Austen*; between
 Shillingston and Blandford.
 Devon, Hants, Somerset, Wilts, Normandy.
666. *M. sylvestris*, *Linn.* *Common Horse Mint*.
 First record, Pulteney, 1813.
 Native; damp and waste places; very rare. P. July—
 August.
 A. Shipton Gorge, *J. Jones*.
 D. Riverside, Burleston, near Piddletown; East Morden, *E.*
Binfield.
 F. Field at the back of Littleton House, near Blandford, *E.*
Binfield; banks of Stour near Littleton, *E. K. Chambers*.
 Hants, Somerset, Wilts, Normandy.
667. [*M. viridis*, *Linn.* *Spear Mint*.
 First record, Mansel-Pleydell, 1874.
 Denizen; wet places; rare. P. August—September.
 A. River banks, Bradpole, *E. Fox*; ditches between Lyme Regis
 and the Chimney Rock.
 B. Moist banks of the Yeo between Osborne and Poyntington.
 E. Ibberton, hedge bank on ascending the hill.
 F. Banks of Stour, Langton, *E. K. Chambers*.
 G. Stream north-east of the mill, Corfe Castle; thoroughly
 naturalized a quarter of a mile from the nearest cottage, *W.*
M. Rogers.
 Devon, Hants, Somerset, Wilts, Normandy.

668. **M. Piperita**, *Huds. Peppermint*.
 First record, Mansel-Pleydell, 1874.
 Doubtful native; damp places; rare. P. August—September.
 F. Lane near Dean, Handley Common, *Hon. Mrs. Oldfield*;
 plentiful in a woodland track between Tarrant Monckton
 and Crichel, *R. P. Murray*.
 Devon, Hants, Somerset, Wilts, Normandy.
669. **M. hirsuta**, *Linn. Capitate Mint*.
 First record, Pulteney, 1813.
 Native; sides of streams and ditches; common. P. July—
 October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
670. **M. sativa**, *Linn. Marsh Whorled Mint*.
 First record, Bell Salter, 1830.
 Native; wet places; common. P. July—October.
 Var. β . *paludosa*, *J. T. B. Syme*.
 Both the segregates are generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
671. **M. rubra**, *Sm. β . M. sativa, rubra, Bab. Tall Red Mint*.
 First record, Mansel-Pleydell, 1891.
 F. Roadside, Shapwick, *R. P. Murray*.
 G. Wet places, Whiteway Hill, east side of East Lulworth.
 Devon, Hants, Somerset, Wilts.
672. **M. gracilis**, *Sm. Cardiac Mint*.
 First record, Bell Salter, 1830.
 Native; marshy, damp places; rare. P. August—September.
 C. East Lulworth; damp places, roadside, Whiteway Hill.
 F. Shapwick, *R. P. Murray*.
 G. Norden claypits.
 Wilts, Normandy.
673. **M. arvensis**, *Linn. Corn Mint*.
 First record, Bell Salter, 1830.
 Native; cultivated fields, wet meadows, woods; common. P.
 July—October.
 Var. β . *Nummularia*, (*Schreb*).
 C. Roadside near East Lodge, Lulworth Castle.

Var. γ . *agrestis*, *Sole*.

F. Cultivated ground, Milborne St. Andrew.

Var. δ . *Allionii*, *Borr*.

C. Roadside between East Lulworth and Coombe Keynes.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

674. **M. Pulegium**, *Linn.* *Penny Royal*.

First record, Pulteney, 1799.

Native; wet places on heaths, commons; rare. P. July—
September.

D. Heath below Woodbury Hill, *Pulteney*.

E. Holwell, *H. H. Wood*.

F. Many places on the heathy ground beyond Wimborne,
Pulteney; Leigh Common, Wimborne, *E. M. Holmes*.
Devon, Hants, Somerset, Wilts, Normandy.

THYMUS, *Linn.*

675. **T. Serpyllum**, *Fries.* *Creeping Wild Thyme*.

First record, Bell Salter, 1830.

Native; downs, hedge banks, and heaths; common. P.
June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

676. **T. Chamædryas**, *Fries.* *Larger Wild Thyme*.

First record, Bell Salter, 1830.

Native; pastures, banks, and heaths; frequent. P. June—
November.

C. Portland; hedge banks above Bincombe.

F. Verwood; Daggens, *W. M. Rogers*; hedge banks, Whitechurch;
banks by the roadside between the Industrial School and
the Blandford main road; Blandford racecourse; What-
combe Park; Quarlston Down; Bryanston.

G. Norden claypits, *W. Borrer*; chalk range between; Swanage
and Old Harry.

Devon, Hants, Somerset, Wilts, Normandy.

ORIGANUM, *Linn.*

677. **O. vulgare**, *Linn.* *Common Marjoram*.

First record, Bell Salter, 1830.

Native; bushy places, hedge banks, woods; frequent. P.
July—August.

- A. Lyme Regis, near the Landslip ; Symondsburly.
 - B. Bradford Abbas, *Prof. Buckman* ; Thornford ; Sherborne, *W. M. Rogers*.
 - C. Upwey, *W. M. Rogers* ; frequent about Abbotsbury ; Portland weirs, *W. Whitwell* ; Chickereil.
 - D. Banks near Keyworth on the Wareham side ; Morden.
 - E. Woolland, *W. M. Rogers* ; Purse Caundle, *W. Galpin* ; hedge banks, Ibberton, on the south side ; Melbury Abbas, abundant.
 - F. Blandford St. Mary, *E. K. Chambers* ; hedges, Houghton, abundant ; Clenston ; Whatcombe Common ; lane from Durweston to Normandy ; Quarlston Wood, Bryanston ; Cranborne ; hedges east of Industrial School.
 - G. Near Swanage, *W. M. Rogers* ; Gadcliff ; waste ground, Dancing Ledge ; Langton Matravers ; Norden claypits ; hedge banks on the road from Corfe to Wareham ; Corfe Castle ruins ; Punfield.
- Devon, Hants, Somerset, Wilts, Normandy.

CALAMINTHA, *Mæneh.*

678. *C. officinalis*, *Mæneh.* *Common Calamint.*

First record, Pulteney, 1813.

Native ; dry hedge banks and waste places ; frequent. P.
July—November.

- A. Littlebredy, *A. E. Eaton* ; Poorstock Castle ; Loders, *Dr. Jefford* ; Shipton Gorge, *Trehearne*.
 - B. Leigh, *W. M. Rogers*.
 - C. Portland, *E. Binfield* ; Lulworth Cove, *W. M. Rogers* ; Portland, Pennsylvania Castle, *H. E. Fox* ; hedge banks between Coombe Keynes and Burngate.
 - D. Roadside third milestone on the Wareham and Bere main-road ; Shitterton-lane ; hedge banks on the road at the turn off to Roke Farm, Bere Regis.
 - E. Stalbridge, *Mrs. Allen*.
 - F. Sides of roads and fields near Broadly Wood ; Crichel, *E. Binfield* ; Shapwick, *R. P. Murray* ; hedges between Wimborne and Corfe Mullen ; Leigh Common, Wimborne ; hedge banks, Higher Whatcombe ; hedge banks on the higher Blandford main-road to Wimborne.
 - G. Hedges on the south side of the chalk range at Steeple and Lutton ; between Corfe Castle and the Norden claypits ; Nine Barrow Down, on the south side opposite Rempstone ; grassy banks, Godlingston, Swanage ; cliffs, Punfield.
- Devon, Hants, Somerset, Wilts, Normandy.

679. **C. arvensis**, *Lam. Basil Thyme*.
 First record, Pulteney, 1799.
 Native ; cultivated fields and dry places ; frequent. A.
 June—November.
- D. Sandy field, near the third milestone on the Wareham and Bere main road ; Chamberlayne's, Bere Regis ; Morden Park ; Bere fields.
- F. In the lane leading to Stickland from Blandford ; about Broadly Wood ; Langton Copse, *Pulteney* ; cultivated ground, Verwood ; Deveril Farm, Milborne St. Andrew ; Clenston Wood ; High Wood ; Whitchurch Farm ; Alderholt.
 Devon, Hants, Somerset, Wilts, Normandy.
680. **C. Clinopodium**, *Benth. Wild Basil*.
 First record, Bell Salter, 1830.
 Native ; hedge banks and bushy places ; common. P. July—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

AJUGA, *Linn.*

681. **A. reptans**, *Linn. Common Bugle*.
 First record, Bell Salter, 1830.
 Native ; pastures and woods ; common. P. April—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

BALLOTA, *Linn.*

682. **B. nigra**, *Linn. Black Horehound*.
 First record, Bell Salter, 1830.
 Native ; hedge banks, roadsides, waste places ; common. P. July—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

LEONURUS, *Linn.*

683. [**L. Cardiaca**, *Linn. Motherwort*.
 First record, Pulteney, 1799.
 Alien ; hedges and waste places ; very rare. P. July.
 C. Under the Barrack-wall, Dorchester, *F. W. Galpin*.
 G. Church Knowle, *O. L. Mansel* ; Studland, *H. T. Mennell*.
 Devon, Hants, Somerset, Normandy.]

MELITTIS, *Linn.*

684. **M. Melissophyllum**, *Linn. Bastard Balm.*
 First record, Bell Salter, 1830.
 Native; woods; very rare. P. May—June.
 Chettle Wood and Mange Wood, *Mrs. Barrington Mills.*
 Devon, Hants, Somerset, Wilts, Normandy.

TEUCRIUM, *Linn.*

685. **T. Scorodonia**, *Linn. Wood Sage.*
 First record, Pulteney, 1799.
 Native; woods, heaths, hedge banks; common. P. July—
 November.
- A. Copse, Hawkchurch; Lyme Regis; Chardstock.
 - B. Bradford Abbas, *Prof. Buckman*; Batcombe Hill, *W. M. Rogers.*
 - C. Evershot; Yellowham Wood, *W. M. Rogers*; downs above Abbotsbury; Black Down, above Portisham, *W. Whitwell*; Wool; Portland; Lulworth Cove; Ridgeway Hill.
 - D. Bere Wood, *W. M. Rogers*; banks, Chamberlayne's, Bere Regis; Morden Park.
 - E. Hollow ways about Melbury and Shaftesbury, *Pulteney*; Woolland; Holwell, *W. M. Rogers*; Doncliffe.
 - F. Parkstone, *W. M. Rogers*; Hod Hill, *Pulteney*; Houghton Wood; Clenston Wood; Whatcombe Common; Charboro; Lytchett Heath.
 - G. Swanage; Corfe Castle, *W. M. Rogers*; Studland Heath; Redcliff, Wareham; Gadcliff; St. Alban's Head; Kimmeridge Hill.
- Devon, Hants, Somerset, Wilts, Normandy.

LAMIUM, *Linn.*

686. **L. Galeobdolon**, *Crantz. Yellow Archangel.*
 First record, Pulteney, 1799.
 Native; woods, hedge banks, thickets; common. P. April—June.
- A. Charmouth; between Loders and Bridport, *Ridley* and *Fawcett*; Gorwell, Ashley Chapel Copse, *W. Whitwell*; hedges near Mangerton, *J. Jones*; Eggardon Hill; Puncknoll Wood.
 - B. Honeycombe Wood, *F. W. Galpin*; Bere Hackett; Clifton Wood, *D. Stephens*; Melbury Wood; Chetnole.
 - C. Wyke Wood, near Abbotsbury, *W. Whitwell.*
 - D. Ilsington Wood.

- E. Lanes above Sturminster Newton ; Melbury ; Cann ; Shaftesbury, *Pulteney* ; Buckhorn Weston, *W. Galpin* ; Stoke Wood ; Melcombe Park ; Stourton Caundle ; Doncliffe ; Mappowder ; Piddle Wood, Sturminster Newton.
- F. Broadly Wood ; under Hod Hill, *Pulteney* ; Houghton Wood ; Clenston Wood ; Sutton Holms ; Cranborne.
- G. Creech Grange Wood ; Rempstone.
Devon, Hants, Somerset, Wilts, Normandy.
687. **L. album**, *Linn.* *White Dead-Nettle.*
First record, Bell Salter, 1830.
Native ; hedge banks, waste places, roadsides ; common, rarer on the west side of the county. May—December.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
688. **L. amplexicaule**, *Linn.* *Henbit Dead-Nettle.*
First record, Pulteney, 1813.
Native ; cultivated ground and waste places ; frequent. A. April—October.
- A. Bothen Wood, *Mrs. Reid* ; Yelding Great Cornfield, *J. Jones*.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Moreton, *E. Binfield* ; Arish Mill Gap, *Ridley* and *Fawcett* ; Abbotsbury, weed in the gardens, *W. Whitwell* ; cultivated ground, Cliffe, Tincleton ; Fordington Field ; Charminster, near the Lunatic Asylum.
- D. Shitterton Farm ; cultivated ground, west of Rye Hill, Bere Regis.
- E. Woolland.
- F. Spettisbury, between Blandford Bridge and Bryanston, *E. Binfield* ; Shapwick, *W. M. Rogers* ; Blandford St. Mary, *E. K. Chambers* ; Chescombe Farm ; Higher Lytchett ; France Down ; Whatcombe Farm ; allotments, Milborne St. Andrew ; Clenston, near the Down Barn ; Winterborne Kingston ; sides of railway between Poole and Broadstone.
- G. Studland, *E. Binfield* ; Corfe Castle, cultivated ground south side of chalk range ; cultivated ground, West Bradle, adjoining Kimmeridge Hill.
Devon, Hants, Somerset, Wilts, Normandy.
689. **L. purpureum**, *Linn.* *Red Dead-Nettle.*
First record, Bell Salter, 1830.
Native ; cultivated and waste ground, walls ; common. A. February—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

690. **L. hybridum**, *Vill. Cut-leaved Dead-Nettle.*

First record, Bell Salter, 1830.

Native; cultivated and waste ground; rare. A. May—September.

B. Bradford Abbas, *Prof. Buckman.*

F. Field borders between Shapwick and Spettisbury, *W. M. Rogers*; roadside, Sturminster Marshall, *R. P. Murray.*

G. Blackmanston Farm, Steeple.

Devon, Hants, Somerset, Wilts, Normandy.

GALEOPSIS, *Linn.*

691. **A. Tetrahit**, *Linn. Hemp-Nettle.*

First record, Pulteney, 1813.

Native; cultivated ground, hedges, woods; common. A. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

692. **G. Ladanum**, *Linn. Intermediate Hemp-Nettle.*

First record, Pulteney, 1799.

Colonist; cultivated ground, seashore, waste places; common.

A. July—October.

B. Bradford Abbas, *Prof. Buckman.*

C. Cornfields, Portland, *G. S. Gibson*; Evershot, *W. M. Rogers.*

D. Cornfields, Chamberlayne's, Bere Regis.

E. Bishop's Caundle.

F. Spettisbury, field going to Almer; cornfields, Langton, near Blandford, *Pulteney*; cultivated ground north of Badbury Rings; Whatcombe Farm; Milborne St. Andrew; Houghton.

G. Studland, *W. M. Rogers*; Blackmanston, Steeple.

Devon, Hants, Somerset, Wilts, Normandy.

STACHYS, *Linn.*

693. **S. Betonica**, *Benth. Wood Betony.*

First record, Bell Salter, 1830.

Native; woods, heaths, hedge banks; common. P. June—November.

A. Hook Park; Witherstone Wood and Common; Poorstock Common; Marshwood; Pillesdon.

B. Chetnole; Batcombe, *W. M. Rogers.*

- C. Rampisham ; Evershot, *W. M. Rogers* ; Abbotsbury ; Blackdown, above Portisham, *W. Whitcell* ; banks of the Fleet, Wyke Regis ; Portland ; chalk-range between West Lulworth and Arish Mill ; wood between Burngate and Coombe Keynes ; Lytchett Heath.
- D. Near Bere Wood, *W. M. Rogers* ; Chamberlayne's Heath.
- E. Harpits, Gillingham, *W. Herridge* ; Woolland, *W. M. Rogers* ; Short Wood ; Donclyffe ; Glanville's Wootton.
- F. Durweston, *E. K. Chambers* ; Sturminster Marshall ; Whatcombe Common ; Houghton Wood.
- G. Swanage, *W. M. Rogers* ; down above Dancing Ledge, Langton Matravers ; Bradle Down ; Kimmeridge Hill. Devon, Hants, Somerset, Wilts, Normandy.
694. *S. palustris*, *Linn.* *Marsh Woundwort.*
First record, Pulteney, 1813.
Native ; sides of streams, damp cornfields, ditches, marshes ; common. P. July—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
695. *S. ambigua*, *Sm.* *S. sylvatici-palustris*, *Wirt.*
First record, Bell Salter, 1830.
Native ; hedges, cultivated ground ; rare. July—September.
- A. Burton Bradstock, *F. T. Richard*.
- D. Allotments, Shitterton, Bere Regis (abundant 1891).
- E. Okeford Fitzpaine, lane leading from the village to the hill above.
- F. Allotments, Milborne St. Andrew, near the Manor Farmhouse, Crawford Common, *R. P. Murray*.
Devon, Hants, Somerset, Wilts, Normandy.
696. *S. sylvatica*, *Linn.* *Hedge Woundwort.*
First record, Bell Salter, 1830.
Native ; hedge banks, woods ; common. P. May—November.
Devon, Hants, Somerset, Wilts, Normandy.
697. *S. arvensis*, *Linn.* *Corn Woundwort.*
First record, Pulteney, 1799.
Native or colonist ; cultivated fields ; not common. A. March—December.
- A. Charmouth, *F. T. Richard* ; cultivated fields, Lodders.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Fordington Field ; Wool ; cultivated ground near Arish Mill ; East Lulworth.

- D. Shitterton Farm, Bere Regis ; Cold Harbour on the Wareham and Bere main road ; Chamberlayne's.
- F. Cornfields about Pimperne, Langton, and Blandford ; Turnworth Field, *Pulteney* ; Wimborne, *R. P. Murray* ; Verwood ; cultivated ground between Oatclose and Breech Copse ; cornfield near the Industrial School ; Deverill Farm, Milborne St. Andrew ; La Lee Farm ; Whatcombe Farm ; between St. Leonard's Bridge and West Moors ; allotments, Winterborne Kingston ; Upton.
- G. Church Knowle ; Swanage ; West Bradle ; Nine Barrow Down ; Seacombe.
Devon, Hants, Somerset, Wilts, Normandy.

NEPETA, *Linn.*

698. **N. Glechoma**, *Benth.* *Ground Ivy (Dors. Haymaiden)*.
First record, Bell Salter, 1830.
Native ; woods, grassy hedge banks ; common. P. March
June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
699. **N. Cataria**, *Linn.* *Cat-Mint*.
First record, *Pulteney*, 1799.
Native ; hedges and waste places ; rare. P. July—
September.
- B. Lane east side of Bradford Abbas, *Prof. Buckman* ; hedge banks between Osborne and Sherborne, *F. W. Galpin*.
- C. Portland, *Pulteney* ; West Lulworth, *T. Holmes*.
- D. Bere Regis ; hedges under Woodbury Hill.
- E. Stalbridge, *Mrs. Allen* ; hedges between Shillingstone and Durweston.
- F. Winterborne Kingston, *Pulteney* ; plentiful by old road north of Kingsdown, *R. P. Murray* ; hedges, Fair-mile, on the Blandford and Stickland road ; roadside between Broadly Wood and Bryanston Park wall ; Clump Furlong Plantation, Whatcombe ; hedges between Almer and Stag Lodge, Charborough.
Devon, Hants, Somerset, Wilts, Normandy.

MARRUBIUM, *Linn.*

700. **M. vulgare**, *Linn.* *White Horehound*.
First record, *Pulteney*, 1799.
Native ? ; waste places, downs ; fairly frequent. P. June—
November.

- C. Undercliff, Portland, *N. Richardson*; cliffs west of Lulworth Cove.
- D. Down near Long Plantation between Puddlehinton and Chibberd; Rye Hill, Bere Regis; Roke Down.
- F. About Winterborne Kingston, near Bere; on Badbury Down, *Pulteney*; roadside near Durweston, west side.
- G. Shore, Arne; shore of the estuary below Wareham, near the cottage in ruins, and lower down the estuary; Ballard Down, Swanage; near Little Sea, Studland; under walls east of St. Alban's Head; chalk-pit under North Hill, Steeple. Devon, Hants, Somerset, Wilts, Normandy.

PRUNELLA, *Linn.*

701. *P. vulgaris*, *Linn.* *Common Self-heal.*
 First record, Bell Salter, 1830.
 Native; woods, pastures, waste ground; common. P. June—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

SCUTELLARIA, *Linn.*

702. *S. galericulata*, *Linn.* *Common Skull-cap.*
 First record, Pulteney, 1813.
 Native; marshy places and river banks; frequent. P. July—September.
- A. Symondsburry, *E. Fox*.
 - B. Bradford Abbas, *Prof. Buckman*.
 - C. Wool Heath, *W. M. Rogers*.
 - D. Banks of river, Chamberlayne's; Sherford Bridge.
 - E. Stalbridge, *Mrs. Allen*; banks of the river Lidden; wood under Hod Hill; Sturminster Newton.
 - F. Shapwick, *W. M. Rogers*; banks of Stour, Bryanston; meadows, Spettisbury; Verwood; bog, third milestone on the Poole and Ringwood main-road; near St. Leonard's Bridge.
 - G. Shore of the Poole estuary below Wareham; Arne; river side, Corfe Castle.
 Devon, Hants, Somerset, Wilts, Normandy.
703. *S. minor*, *Linn.* *Lesser Skull-cap.*
 First record, Pulteney, 1799.
 Native; wet heaths and damp sandy places; not common.
 P. July—October.

- A. Boggy ground, south of Gorwell farmhouse; Abbotsbury weirs, *Earl of Ilchester*; Pillesden Hill, *Mrs. Reid*; Hawkchurch.
- C. Bog between Toller Porcorum and Maiden Newton, *E. Fox*; Puddletown Heath, *W. M. Rogers*.
- D. Bere Wood; Morden Park; Shitterton Heath.
- F. Bog near Hamworthy Junction; salt-marsh, Parkstone, *W. M. Rogers*; Sutton Holms; Alderholt Heath; West Moors; Verwood.
- G. Wareham Heath, *Pulteney*; Studland Heath; Grange Heath; Arne; South Haven; Little Sea.
Devon, Hants, Somerset, Wilts, Normandy.

BORAGINEÆ, *Juss.*

MYOSOTIS, *Linn.*

- 704. **M. palustris**, *With.* *Great Water Forget-me-not.*
First record, Bell Salter, 1830.
Native; sides of streams and ditches, &c.; common. P.
May—October.
Generally distributed.
- Var. *β. strigulosa*, *Reichb.*
 - D. Chamberlayne's.
 - F. River, below Corfe Castle.
 - G. Chapman's Pool, *H. T. Menell.*
Devon, Hants, Somerset, Wilts, Normandy.
- 705. **M. repens**, *D. Don.* *Creeping Water Forget-me-not.*
First record, Mansel-Pleydell, 1874.
Native; ditches and wet places; frequent. P. May—November.
 - A. Puncknoll; Hawkchurch Wood; roadside between Litton Cheney and Gorwell; Bridport; Charmouth.
 - C. Moreton Heath.
 - D. Near Knighton Bog, *T. R. A. Briggs*; Morden Mill; Morden Park; Chamberlayne's.
 - F. Leigh Common, Wimborne, *W. M. Rogers*; Bryanston Park; ditches, Verwood; Manaton Wood.
 - G. Scotland Heath, Studland, *W. Borrer*; Grange Heath.
Devon, Hants, Somerset, Wilts, Normandy.
- 706. **M. cæspitosa**, *Schultz.* *Tufted Water Forget-me-not.*
First record, Bell Salter, 1830.

Native ; wet places, marshes ; frequent. P. June—September.

- A. Pond, Lyme Regis, west side ; cross roads between Kingston Russell and Ashley ; Gorwell ; Marshwood ; Bettiscombe Wood.
 - B. Chetnole ; Leigh ; Batcombe, *W. M. Rogers*.
 - C. Rampisham ; Maiden Newton ; Evershot ; Weymouth, *W. M. Rogers* ; Arish Mill stream ; Warbarrow Bay ; Moreton Heath ; Cattistock ; Abbotsbury.
 - D. Wet places, meadows, Wareham, near the railway station ; Sherford Bridge ; Morden.
 - E. Dedmoor, Lydlinch.
 - F. Common, Sutton Holms ; Leigh Common, near Wimborne ; Poole ; abundant, Shapwick ; Sturminster Marshall, *W. M. Rogers* ; Verwood ; Alderholt Heath ; Parkstone, near the estuary.
 - G. River side, Corfe Castle ; Swanage, *W. M. Rogers* ; ponds, Creech Grange ; near Little Sea, Studland ; Wareham river, below Redcliff ; Povington ; Langton Matravers ; Round Down, Swanage ; West Holme.
- Devon, Hants, Somerset, Wilts, Normandy.

707. *M. arvensis*, *Hoffm.* *Field Forget-me-not.*

First record, Bell Salter, 1830.

Native ; woods, hedge banks, cultivated ground ; common. A. April—December.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

708. *M. collina*, *Hoffm.* *Dwarf Forget-me-not.*

First record, Bell Salter, 1830.

Native ; heaths, dry banks, and walls ; rather uncommon.

A. April—May.

- A. Ashley Chapel, *W. Whitwell* ; hedge banks, Puncknoll ; Bexington Beach.
 - B. Bradford Abbas, *Prof. Buckman* ; Ryme, *W. M. Rogers*.
 - C. Abbotsbury, *W. M. Rogers* ; Blackdown, *W. Whitwell* ; Knighton.
 - D. Shitterton Heath ; Bere Regis.
 - F. Winterborne Kingston ; Whatcombe Common.
 - G. Banks, Studland ; Kimmeridge Hill.
- Devon, Hants, Somerset, Wilts, Normandy.

709. *M. versicolor*, *Reichb.* *Yellow and Blue Forget-me-not.*

First record, Bell Salter, 1830.

- Native; hedge banks, walls, heaths; common. A. April—June.
- A. Stonebarrow Down (white form), *Ridley* and *Fawcett*; roadside below the Castle Rings, Abbotsbury; Charmouth; Puncknoll.
 - B. Bradford Abbas, *Prof. Buckman*.
 - C. Evershot; Yellowham Wood; Moreton Heath; Rampisham, *W. M. Rogers*.
 - D. Hedge banks, Bere Wood; Chamberlayne's; Chibberd; Dewlish.
 - E. Woolland, *W. M. Rogers*.
 - F. Leigh Common, Wimborne; Branksome, *W. M. Rogers*; hedge banks, Whitechurch; Winterborne Kingston; pastures, West Moors.
 - G. Kimmeridge Hill and cliffs.
Devon, Hants, Somerset, Wilts, Normandy.

LITHOSPERMUM, *Linn.*

710. **L. officinale**, *Linn.* *Common Gromwell.*
First record, Pulteney, 1799.
Native; dry places; not common. P. May—August.
- A. Undercliff, Charmouth, *W. M. Rogers*; Lyme Regis, *F. T. Richard*.
 - B. Fields, Bristol-road, Sherborne, *F. W. Galpin*; Bradford Abbas, *D. Stephens*.
 - C. Portland, Undercliff, *H. E. Fox*; hedge between Radipole and Weymouth; beach near Osmington.
 - F. Lanes about Blandford, *Pulteney*; copse between Crawford and Keyneston, *J. H. Austen*; near Durweston Mill; Hod Hill Copse; Milborne St. Andrew, near the Fox-pound; Clenston Wood; Spettisbury; Whatcombe Common.
 - G. Langton Matravers, *Lester-Lester*; copse on foreland about Studland, *Ridley* and *Fawcett*.
Devon, Hants, Somerset, Wilts, Normandy.
711. **L. arvense**, *Linn.* *Corn Gromwell.*
First record, Pulteney, 1799.
Native; corn fields, waste ground; frequent. A. April—December.
- A. Charmouth, *W. M. Rogers*; Lyme Regis, *F. T. Richard*; Powerstock, near the railway station.
 - B. Ryme, *W. M. Rogers*; Bradford Abbas, *Prof. Buckman*.
 - C. By Maiden Castle, *W. M. Rogers*; corn fields, Southwell, Portland, *H. E. Fox*; Weymouth, *F. T. Richard*.

- D. Roke Farm, Bere Regis.
- E. Fields, Buckhorn Weston, *W. Herridge*; Woolland; Holwell.
- F. Eastbury; cultivated ground near the Industrial School; Langton Lodge; Houghton.
- G. Swanage, *W. M. Rogers*; Dancing Ledge, *Ridley* and *Fawcett*. Devon, Hants, Somerset, Wilts, Normandy.

SYMPHYTUM, *Linn.*

- 712. **S. officinale**, *Linn. Common Comfrey.*
First record, Bell Salter.
Native; sides of streams and damp places; common. P.
April—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- 713. **S. tuberosum**, *Linn. Tuberous Comfrey.*
First record, Mansel-Pleydell, 1891.
Native?; damp places and by the sides of streams; rare. P.
April—June.
- C. Abbotsbury, *Miss Hawkins.*

ANCHUSA, *Linn.*

- 714. **A. sempervirens**, *Linn. Evergreen Alkanet.*
First record, Pulteney, 1799.
Alien or denizen; hedge banks and waste places; very rare.
P. May—June.
- A. Allington on the Lyme Regis road near the old turnpike, also on the road to Broadwindsor, *E. Fox.*
- F. Sparingly in some hedges on Damary Farm, Blandford, *Pulteney*; hedge between Cashmore and Farnham, *Hon. Mrs. Oldfield*; glebe meadow between Almer Church and Mapperton, and on the roadside between Mapperton and the World's End, *C. Torkington.*
Devon, Somerset, Normandy.

CYNOGLOSSUM, *Linn.*

- 715. **C. officinale**, *Linn. Common Hound's Tongue.*
First record, Pulteney, 1813.
Native; waste ground, sea cliffs, roadsides; not common. B.
June—September.
- A. Cliffs near Lyme Regis, *W. M. Rogers.*
- B. Copse near Stockbridge Farm, Sherborne, *F. W. Galpin.*

- C. Cliffs from West Lulworth to Osmington, *Ridley* and *Fawcett* ; Weymouth, *W. M. Rogers* ; Abbotsbury, *A. E. Eaton* ; cliffs, Holworth ; Portland weirs.
- F. At Mapperton ; in a chalk-pit at Ranston, *T. Rackett* ; near Ashmore, *R. P. Murray* ; Chace Woods ; Langton Lodge Copse ; Clenston Wood ; banks of Stour, Spettisbury.
- G. Swanage, *W. M. Rogers* ; above Durleston Head, *Ridley* and *Fawcett* ; ruins, Corfe Castle ; rocks, Gadcliff ; Tilly Whim ; Bradle Down ; Flower's Barrow ; under walls and in quarries, Langton Matravers ; Chapman's Pool ; Punfield ; Swanage.
- Devon, Hants, Somerset, Wilts, Normandy.

BORAGO, *Linn.*

716. **B. officinalis**, *Linn.* *Borage.*
First record, Bell Salter, 1830.
Alien ; waste ground ; rare. A. or B. May—September.
- A. Merehay, near Beaminster, *Mrs. Reid* ; Lyme Regis, *F. T. Rickard*.
- C. West Lulworth, *W. M. Rogers* ; Portland weirs ; Holworth Cliff, abundant.
- G. Tyneham, *H. P. B. Norris* ; Corfe Castle, and banks of river ; Chapman's Pool.

LYCOPSIS, *Linn.*

717. **L. arvensis**, *Linn.* *Small Bugloss.*
First record, Pulteney, 1799.
Native ; cultivated ground, waste places ; frequent, especially upon the light sandy soil.
- A. West Bexington, near Abbotsbury.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Lulworth to Osmington, *Ridley* and *Fawcett* ; Abbotsbury, *A. E. Eaton* ; waste ground between Lulworth Cove and Durdle Door ; Holworth ; Mewps Bay.
- D. Cultivated ground, Sherford Bridge ; Keysworth, near Wareham ; Chamberlayne's ; allotments, Shitterton ; Bere Regis.
- F. Fallows about Blandford, *Pulteney* ; Poole, *W. M. Rogers* ; Parkstone ; Verwood ; Povington ; above Durleston Head, *Ridley* and *Fawcett*.
- G. Redcliff, near Wareham ; Holme ; Norden clay-pits ; Mewps Bay.
- Devon, Hants, Somerset, Wilts, Normandy.

PULMONARIA, Linn.**718. P. angustifolia, Linn. Narrow-leaved Lung-wort.**

First record, Earl of Ilchester, 1856.

Native; woods, hedge banks; rare. P. February—April.

- C. Oaker's Wood, *Mrs. Mary Frampton*; Hethfelton Plantation; Dodden lane in abundance.
- D. Hedge banks near the Cock and Bottle, Morden; bushy places, Chamberlayne's, Bere Regis.
- G. Holme Priory, *Lady Selina Bond*: Pullington Farm, Corfe Castle, *E. S. Bankes*; hedge bank near the Cock and Bottle, Morden; hedge banks, Chamberlayne's; Bere Regis, abundant.
- Hants, Normandy.

ECHIUM, Linn.**719. E. vulgare, Linn. Viper's Bugloss.**

First record, Bell Salter.

Native; waste ground, sandy fields, walls; frequent. B. June—November.

- B. Bradford Abbas, *Prof. Buckman*.
- C. Above the West Cliff, Portland, *W. Whitwell*; Rampisham, *D. Stephens*; Portland weirs; Holworth Cliff; Abbotsbury; Yellowham Hill; Wool Bridge, west side; chalk-pit between East Lulworth and Arish Mill.
- D. Waste ground, Shitterton; cornfields, Bere Regis; Cold Harbour on the Bere and Wareham main road.
- F. Park-wall, Bryanston, south side; Chescombe; Horse Copse, Whitechurch; Milborne Wood; Houghton Wood; Clenston Wood; West Down; Whatcombe Common.
- G. Gadcliff; Langton Matravers; Goat-acre, Poole estuary; Chapman's Pool; St. Alban's Head; Seacombe Cliff.
- Devon, Hants, Somerset, Wilts, Normandy.

LENTIBULARIÆ, Rich.**PINGUICULA, Linn.****720. P. vulgaris, Linn. Common Butterwort.**

First record, Pulteney, 1799.

Native; bogs and heaths; rare. P. May—July.

- F. Heaths near Poole, *Pulteney*.
- G. Bogs in Purbeck; heaths near Wareham, but very rare, *Pulteney*; boggy heath on the left hand side of the road

between Stoborough and Arne near the turn-off to the Half-way House.

Devon, Hants, Somerset, Wiltshire ? Normandy.

721. *P. lusitanica*, Linn. *Pale Butterwort*.

First record, Pulteney, 1799.

“ Not noticed east of Cornwall until it occurred to me first in the year 1765 on the bogs in Dorset.”—*Pulteney*.

Native ; bogs in the heath districts of the county where it grows in comparative abundance.

- A. Pillesdon Hill, *Mrs. Reid* ; boggy ground, above Ashley Wood, Gorwell.
 - C. Abbotsbury weirs, *Earl of Ilchester*.
 - D. On the heath near Sanford Bridge ; roadside about midway between Woodbury Hill and Wareham, *Pulteney* ; Bere Heath, near Bloxworth ; boggy places, roadside near Oaker's Wood ; north side, Black Hill, Bere Regis ; Hethfelton Heath.
 - F. On the heath near the third milestone between Wimborne and Poole, also between Wimborne and Ringwood ; by the roadside going from Corfe Mullen School House to Poole, *Pulteney* ; Alderholt Heath ; West Moors, close to the station ; Hamworthy Junction.
 - G. Heaths near Wareham, *Pulteney* ; Studland and Arne Heaths ; bogs under Creech-barrow ; bogs near Little Sea, abundant ; bog on the roadside between Stoborough and Furzebrook ; Ulwell, Swanage.
- Devon, Hants, Somerset, Wilts, Normandy.

UTRICULARIA, Linn.

722. *U. vulgaris*, Linn. *Greater Bladderwort*.

First record, Pulteney, 1799.

Native ; in ditches and stagnant water, water-pits ; rare. P. June—August.

- C. Broomhall-mill, Winfrith, *Pulteney* ; Wool Bridge, pools near the river.
 - D. Sandford Bridge, *Pulteney* ; ditches Keyworth, near Wareham ; Morden Park Lake ; watercourse between Bestwall Farm and the salt-marsh.
 - G. Ditches, Stoborough meadow, Wareham.
- Devon, Hants, Somerset, Wilts, Normandy.

723. *U. intermedia*, Hayne. *Intermediate Bladderwort*.

First record, Mansel-Pleydell, 1874.

Native ; ponds and ditches ; rare. P. July—August.

- D. Gravelly rivulet on the east side of Morden Decoy.
 F. Knighton; Bournemouth, *R. P. Murray*.
 G. Scotland Heath, near Rempstone, *W. Borrer*.
 Devon †

724. **U. minor**, *Linn. Lesser Bladderwort.*

First record, Pulteney, 1799.

Native; ponds and ditches; frequent. P. July—August.

- C. Bog, Moreton Heath, south side of railway.
 D. Bogs in Morden Park, *Pulteney*; bog near the third milestone on the Wareham and Bere main road; bog on the west side of Morden Decoy; boggy ditch near Bestwall, Wareham.
 F. In a bog near the third milestone between Wimborne and Poole, *Pulteney*; ditches, St. Leonard's Bridge, on the Wimborne and Ringwood main road; West Moors.
 G. Boggy ditch between Holme Priory and Povington; Grange Heath; Arne Heath; bog on the east side of the road between Halfway House and Arne.
 Hants, Somerset, Wilts, Normandy.

725. **U. neglecta**, *Lehm. Lehman's Bladderwort.*

First record, Mansel-Pleydell, 1891.

Native; ditches, pools, shallow lakes; very rare. P. June—September.

- D. Morden Park Lake.
 Hants, Normandy.

PRIMULACEÆ, *Vent.*

PRIMULA, *Linn.*

726. **P. vulgaris**, *Linn. Common Primrose.*

First record, Bell Salter, 1830.

Native; woods, banks, thickets; common. P. March—June.

Devon, Hants, Somerset, Wilts, Normandy.

Var. β . **P. variabilis**, *Goup. P. officinali-vulgaris, Syme. False Oxslip.*

This is found in almost all the localities where the primrose and the cowslip occur; but as may be expected, being an hybrid, it is only occasionally met with. It was recognised by Gerarde, who in his Herbal (1636), p. 781, describes and figures it: "Found in a wood in Yorkshire by the travel and industry of a learned gentleman of Lancashire, Mr. Thomas Heaskith." "The figure of this *Primula veris*

Heskethi shows the plant to be *P. vulgaris*, *s.*, of Bab. Man., ed. v., but with sessile flowers."—*W. W. Newbould*. The true oxlip, *P. elatior*, *Jacq.*, is found only in the four eastern counties—Essex, Suffolk, Cambridge, and Bedford—and can be readily distinguished from the *False Oxslip* by the downward lateral bend of the umbel.

Generally distributed.

727. *P. veris*, *Linn.* *Cowslip*.

First record, Bell Salter, 1830.

Native; pastures, hedge banks; common. P. April—May.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

HOTTONIA, *Linn.*

728. *H. palustris*, *Linn.* *Water Violet*.

First record, Pulteney, 1799.

Ditches and pools; very rare. P. May—June.

F. In a bog between Wimborne and Poole, *Pulteney*.

G. Ditches in Purbeck, and about Wareham, *Pulteney*.

Bell-Salter appears to have seen it; he speaks of it occurring in "watery places near Wareham."

Hants, Somerset, Wilts, Normandy.

LYSIMACHIA, *Linn.*

729. *L. vulgaris*, *Linn.* *Common Loosestrife*.

First record, Pulteney, 1799.

Native; by the sides of rivers, damp meadows, and marshy thickets; frequent. P. July—October.

A. Prestwood, near Bridport, *Pulteney*; Hook Park.

B. Riverside, Bradford Abbas, *F. W. Galpin*.

C. East Stoke; banks of the Frome, Wareham; Wool Bridge.

D. Piddletown Mills; Morden Park, *Pulteney*; near Wareham railway station, *W. M. Rogers*; Springfield Copse, Bere Regis; riverside, Chamberlayne's; Bere Wood; East Morden; sides of stream near Hyde.

E. Stalbridge, *Mrs. Allen*; banks of Stour, Sturminster Newton.

F. Riverside between Blandford and Durweston, *Pulteney*; Shapwick, *W. M. Rogers*; bushy places, Uddens; riverside, Verwood; Lytchett Heath; banks of Stour, Langton; Rushton; marshy enclosures at New Bridge, between Wimborne and Ringwood; Sturminster Marshall.

G. Luckford Copse.

Devon, Hants, Somerset, Wilts, Normandy.

730. **L. nemorum**, *Linn. Yellow Pimpernel.*
 First record, Pulteney, 1799.
 Native; moist woods and thickets; common. P. May—November.
- A. Hawkchurch; Gorwell; Wootton Fitzpaine; Hook Park; copse, Wadbrook; Poorstock Common; Symondsburly.
 - C. Rampisham, *D. Stephens*; Ailwall, Evershot, *W. M. Rogers*; Moreton Heath.
 - D. Bere Wood; Springfield Copse, Bere Regis.
 - E. Woolland, *W. M. Rogers*; Piddle Wood, Sturminster Newton; Dedmore; The Grange Woods.
 - F. Chace Woods; Henbury; Clenston Wood; Sutton Holms; Edmondsham.
 - G. Creech Grange Wood.
 Devon, Hants, Somerset, Wilts, Normandy.
731. **L. Nummularia**, *Linn. Moneywort.*
 First record, Pulteney, 1799.
 Native; damp meadows and woods, sides of rivers; not common. P. June—July.
- B. Ditches, Westbury, Sherborne, *F. W. Galpin.*
 - C. Rampisham; Maiden Newton, *Pulteney*; Sutton Pointz.
 - E. Wet ditches, Bailey Ridge, *W. M. Rogers*; Buckhorn Weston, *W. Herridge*; meadow below Piddle Wood; Sturminster Newton.
 - F. Crown meadow, Blandford, *Pulteney*; banks of Stour, Wimborne; Verwood; Shapwick, *W. M. Rogers*; Langton, *E. K. Chambers*; Durweston; Sturminster Marshall; West Parley; banks of Stour, Canford; moist chalk-bank, La Lee, Whatcombe; Sutton Holms.
 - G. Damp sides of ditches, Corfe Castle.
 Devon, Hants, Somerset, Wilts, Normandy.

ANAGALLIS, *Linn.*

732. **A. arvensis**, *Linn. Common Pimpernel.*
 First record, Bell Salter, 1830.
 Colonist; cultivated fields and waste ground; common. A. June—September.
 Generally distributed.
- Var. *β. cærulea*, *Sm.*, rare.
- A. North Hill, Lyme Regis, *Ridley* and *Fawcett.*
 - B. Bradford Abbas, *Prof. Buckman.*
 - E. Harpits, Kington Magna, *W. Herridge.*

- F. Tarrant Keyneston, *F. W. Galpin*; cultivated ground near Peter's Finger, Lytchett; Upper Houghton Farm; between St. Leonard's Bridge and West Moors.
- G. Gadcliff, *O. L. Mansel*.
Devon, Hants, Somerset, Wilts, Normandy.

733. **A. tenella**, *Linn. Bog Pimpernel.*

First record, Pulteney, 1799.

Native; bogs and wet places; locally common. P. June—Aug.

- A. Pillesden, *Mrs. Reid*; boggy places between Swyre and the beach, *W. Whitwell*; Poorstock Common.
- C. Abbotsbury weirs, *Earl of Ilchester*; Moreton Heath.
- D. Roke moor, Bere Regis; Bloxworth Heath; Morden Heath; wet meadows, Chamberlayne's.
- F. Near the Stour, Spettisbury, *Pulteney*; meadows, Witchampton; Udden's Heath; Verwood Heath; boggy ground near the third milestone on the Poole and Ringwood road; Alderholt; withy bed, Crichel; Lytchett Matravers.
- G. Wareham Heath; Studland Heath; Corfe Common; damp sandy ground between Little Sea and South Haven; spongy places, cliffs, Worbarrow Bay; Dancing Ledge, Langton Matravers.
- Devon, Hants, Somerset, Wilts, Normandy.

CENTUNCULUS, *Linn.*

734. **C. minimus**, *Linn. Bastard Pimpernel Chaffweed.*

First record, Pulteney, 1799.

Native; damp places on sandy places; rare. A. June—August.

- C. Poole Heath, *Pulteney*; wet heaths, Parkstone, *Salter*; Warmwell Heath, *W. B. Barrett*; Wareham, *E. F. Linton*.
- D. Piddletown Heath, *W. M. Rogers*; damp sandy places near the third milestone between Wareham and Bere Regis; between Chamberlayne's and Hyde on the right side of the river.
- F. Near the roadside, midway between Wimborne and Poole, *Pulteney*; West Moors; Verwood.
- G. Studland, *Bell Salter*; Norden clay-pits.
- Devon, Hants, Somerset, Wilts, Normandy.

SAMOLUS, *Linn.*

735. **S. Valerandi**, *Linn. Brookweed.*

First record, Pulteney, 1799.

Native; wet places, especially near the sea; frequent. P. July—October.

- A. Near Bridport, *Pulteney*; shore of the estuary, West Bexington; marshy ground, Burton Bradstock, east of the Preventive Station; cliffs, Lyme Regis.
- B. Honeycombe Wood, Sherborne, *F. W. Galpin*; Bradford Abbas water meadows, *Prof. Buckman*.
- C. Ditches near the Swannery, Abbotsbury; *W. Whitwell*; banks of the Wey, between Radipole and Corfe Hill; Preston, *W. B. Barrett*; Holworth Cliff; Undercliff, Portland; cliffs, Sandsfoot Castle; ditches, Lodmoor; boggy ground, between Whiteway Hill and the estuary, Abbotsbury; damp places near the eastern lighthouse, Portland; Arish Mill, East Lulworth.
- D. Heath near Sandford Bridge, *Pulteney*; Tolpuddle, *H. P. B. Norris*; marshy ground, Keyworth, near Wareham; Roke moor, near Bere Regis; Morden Park meadow; marsh, between Chamberlayne's Bridge and Cowleaze, Bere Regis.
- F. Parkstone and Kinson, *H. Fisher*.
- G. Arne, *W. M. Rogers*; cliffs, Punfield; cliffs, Warbarrow Bay; Gadcliff; South Haven; Clavell's Hard, Kimmeridge; Wych; plentiful along the banks of the Wareham river below Redcliff; splashy places, Langton Matravers; boggy places, Round Down; Tilly Whim, Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

GLAUX, *Linn.*

736. *G. maritima*, *Linn.* *Sea Milkwort.*

First record, *Pulteney*, 1799.

Native; salt marshes, sandy shore; common in all the maritime and estuarine districts of the county. P. June—July.

- A. Eye mouth shore, *Mrs. Reid*; Bridport.
- C. Between Sutton and Weymouth, *E. Binfield*; Weymouth, marshes near the Backwater, *G. S. Gibson*; along the back of the Fleet from Wyke to Abbotsbury; Radipole.
- F. Shore from Poole to the Haven.
- G. Arne; Studland, Little Sea; Swanage; shore of the estuary from Poole to the mouths of the rivers Frome and the Piddle.
Devon, Hants, Somerset, Normandy.

PLUMBAGINEÆ, *Vent.*

ARMERIA, *Willd.*

737. *A. maritima*, *Willd.* *Common Thrift, Sea Pink.*

First record, Bell Salter, 1830.

- Native ; rocks, pastures, and salt marshes near the sea in the maritime districts ; common. P. April—August.
- A. Bridport Harbour ; Seaton, *Mrs. Reid* ; West Bay, *W. M. Rogers* ; Eype, *Ridley* and *Fawcett* ; shore of the estuary, Bexington ; Abbotsbury, abundant on the upper part of the hill above the Castle (300 feet) ; rises to the ridge of the down near the Castle Rings (500 feet), *W. Whitwell* ; Burton Bradstock ; Golden Cap.
- C. Lulworth Cove, *Ridley* and *Fawcett* ; cliff, Sandsfoot Castle ; banks of Weymouth Backwater ; Portland Bill, and on the Chesil Beach.
- F. Parkstone ; salt-marsh near Hamworthy Junction, *W. M. Rogers* ; shores of the estuary, from Poole to the mouths of the Frome and the Piddle.
- G. Tilly Whim, *W. M. Rogers* ; grassy cliffs and pastures, Kimmeridge Bay ; Flowers Barrow. Devon, Hants, Somerset, Normandy.

STATICE, *Linn.*

738. *S. Limonium*, *Linn.* *Great Sea-Lavender.*

First record, Pulteney, 1799.

Native ; muddy salt marshes ; common in the maritime districts. P. July—August.

- C. Lulworth ; Portland, *Pulteney* ; Swanage, *Mrs. M. Frampton* ; Parkstone salt-marsh ; salt-marsh near Hamworthy Junction, *W. M. Rogers*.
- G. Swanage, *Pulteney*.

Var. *g.* *pyramidalis*, *Syme.*

- F. Shore, North Haven ; salt-marsh, Ham ; Salterns, Poole ; abundant on the shore of the Poole estuary ; Lytchett estuary.
- G. Shore near Lilliput's Farm, Poole estuary, *W. B. Barrett* ; Horse Island, near the mouths of the Frome and the Piddle ; Arne ; South Haven. Devon, Hants, Somerset, Wilts, Normandy.

739. *S. auriculæfolia*, *Vahl.* *Lesser Sea-Lavender.*

First record, J. Woods, 1848.

Native ; sea-cliffs ; rare. P. July—September.

Var. *a.* *occidentalis* (*Lloyd*).

- C. Durdle Door ; Lulworth Cove, *J. Woods* ; cliffs, Bow and Arrow Castle, Portland, *W. B. Barrett* ; cliffs, Portland Bill (plentiful).

- G. Cliffs, Warbarrow Bay ; Gad Cliff ; Arish Mill Bay.
Devon, Somerset, Normandy.
- Var. *β*. *intermedia*, *Syme*.
First record, Mansel-Pleydell, 1891.
- C. Portland.
G. Arne, east side.
Devon.
- Var. *γ*. *Dodartii* (*Gir*). *Dodart's Sea-Lavender*.
First record, Babington, 1862.
- C. Rocky shores, Portland, *C. C. Babington*.
Normandy.

PLANTAGINEÆ, *Vent*.

PLANTAGO, *Linn*.

740. **P. major**, *Linn*. *Greater Plantain*.
First record, Bell Salter, 1830.
Native ; waste places, roadsides ; common. P. May—
September.
Generally distributed.
- Var. *β*. *intermedia* (*Gilib*).
F. Near Henbury, *E. F. Linton*.
Devon, Hants, Somerset, Wilts, Normandy.
741. **P. media**, *Linn*. *Hoary Plantain*.
First record, Bell Salter, 1830.
Native ; meadows and pastures ; common. P. April—
September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
742. **P. lanceolata**, *Linn*. *Common Rib-grass*.
First record, Bell Salter, 1830.
Native ; meadows, pastures, and waste places ; common. B.
or P. April—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
743. **P. maritima**, *Linn*. *Sea Plantain*.
First record, Pulteney, 1799.
Native ; salt marshes, banks near the sea ; frequent in the
maritime districts. P. June—September.

- A. Bridport Harbour ; marsh, West Bexington, near Abbotsbury.
 C. Railway embankment, Weymouth ; Fleet ; Abbotsbury ; Port land ; Langton Herring ; Arish Mill Bay.
 F. Parkstone ; salt marsh, head of Poole Harbour ; Hamworthy, *W. M. Rogers*.
 G. Arne ; Swanage ; Kimmeridge Bay ; Wych. Devon, Hants, Somerset, Normandy.
744. **P. Coronopus**, *Linn.* *Buck's-horn Plantain*.
 First record, Pulteney, 1799.
 Native ; heaths, roadsides, pastures ; common. A. March—September.
- A. Bridport Harbour ; Charmouth, *Ridley* and *Faucett*.
 C. Between Lulworth Cove and Osmington ; banks of the Fleet, Abbotsbury ; Bow and Arrow Castle, Portland, *W. Whitwell* ; Backwater, Weymouth, *W. B. Barrett* ; Nothe Hill, Weymouth ; Sandsfoot Castle.
 D. Heathy ground near the Wareham railway station, *W. M. Rogers* ; Sandford lane ; roadside, Sherford Bridge ; waste place near the third milestone on the Wareham and Bere Road ; Oaker's Wood ; Chamberlayne's, Bere Regis.
 F. Leigh Common, near Wimborne ; Poole ; Hamworthy ; Branksome, *W. M. Rogers* ; sandy ground between Holt and the Cross Keys, West Moors.
 G. Swanage ; Tilly Whim, *W. M. Rogers* ; Gad Cliff ; Kimmeridge ; Cocknowle ; sandy ground between Little Sea, Studland, and South Haven (plentiful) ; Arne ; Chapman's Pool. Devon, Hants, Somerset, Wilts, Normandy.

LITTORELLA, *Linn.*

745. **L. lacustris**, *Linn.* *Plantain Shore-weed*.
 First record, Pulteney, 1799.
 Native ; margins of lakes and ponds, wet sandy places near the sea ; rare. P. June.
- D. Near Sherford Bridge ; Sandford Bridge ; between Wareham and Woodbury Hill, *Pulteney* ; Morden Park Lake and margins of the Decoy Pond ; pond on the right hand side of the road between Chamberlayne's Bridge and Gallows Hill.
 F. Not far from the two-milestone going from Wimborne to Poole, *Pulteney*.
 G. Studland shore, *W. Borrer* ; sandy ground east of Little Sea, Studland, abundant ; sides of ponds on Povington Heath. Devon, Hants, Somerset, Wilts, Normandy.

CHENOPODIACEÆ (*Br.*)CHENOPODIUM, *Linn.*

- 746. C. Vulvaria**, *Linn. Stinking Goosefoot.*
 First record, Bell Salter, 1830.
 Native ; roadsides, waste places, especially near the sea ; rare.
 A. July—August.
- A. Burton Bradstock ; pastures on the cliffs ; roadside between Bridport and the harbour.
- C. At the foot of the walls in the streets of Poole, *Bell Salter* ; roadside near Franchise-street, Weymouth, *W. B. Barrett* ; under walls, railway station, Weymouth.
- G. South Haven ; Studland sandbanks ; Swanage. Devon, Hants, Somerset [Wilts], Normandy.
- 747. C. polyspermum**, *Linn. Many-seeded Goosefoot.*
 First record, Pulteney, 1799.
 Native ; cultivated and waste ground ; rare. A. June—October.
- A. Hemp-field between Bridport and Loders, *Pulteney* ; field, Allington Butts, *Mrs. Reid* ; cultivated ground, Wootton Fitzpaine.
- B. Chetnole, *W. M. Rogers* ; Bradford Abbas, *D. Stephens*.
- C. Winterborne Came, near the river, *W. B. Barrett*.
- D. Shitterton, Bere Regis.
- E. Holwell, *H. H. Wood* ; near Leweston, *W. M. Rogers* ; by Piddle Wood, Sturminster Newton, *E. F. Linton* ; sides of railway between Sturminster Newton and Stalbridge. Devon, Hants, Somerset, Wilts, Normandy.
- 748. C. rubrum**, *Linn. Red Goosefoot.*
 First record, Bell Salter, 1830.
 Native ; cultivated ground and manure heaps ; rare. A. August—September.
- A. Abbotsbury Swannery, *F. T. Richard*.
- D. Waste and cultivated ground a mile from Wareham on the Bere road ; Shitterton Farm, Bere Regis ; cultivated field near the brick-kiln, Ryehill ; manure heap between the railway station and Wareham.
- F. Shapwick, *R. P. Murray*.
- G. Marshy ground near Mr. Pike's wharf, Redcliff, Wareham. Devon, Hants, Somerset, Wilts, Normandy.
- Var. *β. pseudo-botryodes*, *H. C. Watson*.
- C. South-east side of Portland, near the Lighthouse.

749. **C. murale**, *Linn. Nettle-leaved Goosefoot.*
 First record, G. S. Gibson, 1843.
 Native; waste ground, roadsides, under walls; rare. A. August—September.
- C. Weymouth, *G. S. Gibson*; road side near Sandsfoot Castle; Buxton's Lane, Wyke Regis, *W. B. Barrett*; West Lulworth.
- D. Roadside, north of the railway station, Wareham.
- F. Hamworthy; Poole; waste ground, Milborne St. Andrew.
- G. Waste places, Stoborough; Swanage; sandbanks, Studland; hedges of a cultivated field on the west side of Little Sea; Goat Arne, Arne.
 Devon, Hants, Somerset, Wilts, Normandy.
750. **C. hybridum**, *Linn. Maple-leaved Goosefoot.*
 First record, Pulteney, 1799.
 Native; cultivated ground and gardens; rare. A. August.
- C. Waste ground near Poole, *Pulteney*; abundantly in a garden at Poole, *Bell Salter*; garden at Upwey, *W. B. Barrett*; West Lulworth, *W. M. Rogers*.
- D. Roadside, a mile from Wareham on the Bere Road; Bere Regis.
- E. Stalbridge, *Mrs. Allen*.
- F. In a cornfield near Blandford, *Pulteney*.
- G. Manure heap, Stoborough meadows; shore, Studland.
 Devon, Hants, Somerset, Wilts, Normandy.
751. **C. urbicum**, *Linn. Upright Goosefoot.*
 First record, Bell Salter, 1830.
 Native; recently disturbed waste ground; rare. A. August—September.
- C. Portland, refuse heaps, Fortune's-well, *H. Fox*.
- D. Waste ground, Bere Regis.
- G. Waste ground, Stoborough, Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.
752. [**C. glaucum**, *Linn. Ash-leaved Goosefoot.*
 First record, Pulteney, 1799.
 Native?; manure heaps and cultivated ground; rare. A. August.
 The plant labelled *C. glaucum* in Pulteney's Herbarium in the British Museum is *C. ficifolium*.
- F. On a manure heap near Blandford for two years successively, but lost the third year, *Pulteney*.
 Devon, Hants, Somerset, Wilts, Normandy.]

753. *C. ficifolium*, Linn. *Fig-leaved Goosefoot*.

First record, Bell Salter, 1830.

Native ; cultivated ground, waste places, manure heaps ; rare. A. April—October.

C. Near the Backwater, Weymouth, *G. S. Gibson*.G. Manure heap, Stoborough meadows, Wareham ; near the railway station, Wareham.
Somerset, Normandy.754. *C. album*, Linn. *White Goosefoot*. *Biacon Weed (Dorset)*.

First record, Bell Salter, 1830.

Native ; cultivated ground and waste places ; common. A. July—September.

Generally distributed.

Var. *a. candidum*, extremely common.Var. *β. viride*, less so.Var. *γ. paganum*, widely distributed ; this variety and *viride* appear to run one into the other.

Devon, Hants, Somerset, Wilts, Normandy.

755. *C. Bonus Henricus*, Linn. *Mercury Goosefoot*, *Good HenrAllgood*.

First record, Bell Salter, 1830.

Native ? waste places near villages ; frequent. P. May—June.

A. Bexington, *E. A. Eaton* ; Bradpole, *Dr. Jefford* ; Lyme Regis, *F. T. Richard*.B. Bradford Abbas, near the mill, *Prof. Buckman* ; Poyntington, near the Rectory, *F. W. Galpin*.C. Rampisham, *D. Stephens*.D. Affpuddle, *H. P. B. Norris* ; Bere Regis, under the church-yard wall, east side.

E. Edge of a pond, roadside, Tollard Royal.

F. Blandford St. Mary, near the Manor House, *J. W. Green* ; Shapwick, *R. P. Murray* ; walls near Crichel House ; Winterborne Kingston ; Sturminster Marshall, between the village and the river.

G. Wareham ; Creech ; Worth Matravers, field south of the village.

Devon, Hants, Somerset, Wilts, Normandy.

ATRIPLEX, Linn.**756. A. Babingtonii, Woods. Babington's Orache.**

First record, Mansel-Pleydell, 1874.

Native; sandy and shingly shores; locally frequent. A. June—August.

- A. Sides of the Fleet, between Bexington and Abbotsbury; sea shore, Charmouth.
- C. Smallmouth Sands; salt-marsh, Lodmoor; sides of the Fleet, Langton Herring; Wyke; Lulworth Cove.
- G. Salt-marsh, Keyworth; shore, Kimmeridge Bay; Studland; Swanage; salt-marsh, east of Redcliff, Wareham.

Var. a. virescens, Lange.

First record, Mansel-Pleydell, 1891.

- G. Shore, Punfield Bay; shore, Studland Bay. Devon, Hants, Somerset, Normandy.

757. A. laciniata, Linn. Frosted Sea Orache.

First record, Pulteney, 1799.

Native; sandy seashores; rare. A. July—September.

"On the sandy coast of Dorset, but not so common as *A. portulacoides*," Pulteney; North and South Haven beaches, Bell Salter; not confirmed since Pulteney's time. Often confused with the preceding.

Devon, Somerset, Normandy.

758. A. hastata, Linn.

First record, Mansel-Pleydell, 1874.

Native; waste places, cultivated land; common. P. August—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

759. A. deltoidea, Bab. Triangular-leaved Orache.

First record, Mansel-Pleydell, 1874.

Native; cultivated and waste ground, seashores; common.

A. June—October.

- A. West Bexington, both sides of the estuary; shore, Charmouth; Bridport; Burton Bradstock; Lyme Regis.
- C. Weymouth Backwater; sandy places, Lulworth Cove; Abbotsbury; Osmington; White Nose.
- G. Sandy places, Kimmeridge Bay; Gadcliff, Arne; shores of Poole Harbour; Warbarrow Bay; Studland; Swanage.

Var. *α. prostrata*, *Bab.*

C. Radipole, near Weymouth ; Lodmoor.

D. Keyworth ; near Wareham.

G, South Haven, Studland ; salt-marsh near Redcliff, Wareham.
Devon, Hants, Somerset, Wilts, Normandy.

760. *A. patula*, *Linn.* *Narrow-leaved Orache.*

First record, Bell Salter, 1830.

Native ; waste ground ; roadsides ; cultivated land ; common.

A. July—November.

Generally distributed.

Var. *β. angustifolia*, *Sm.*

Both generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

761. *A. littoralis*, *Linn.* *Grass-leaved Sea Orache.*

First record, Pulteney, 1799.

Native ; salt marshes, banks of tidal rivers ; frequent in
suitable places. A. August—September.

C. Lodmoor, Weymouth ; Portland, *Pulteney* ; Chesil Bank,
G. S. Gibson ; Lodmoor ; Abbotsbury, both sides of the
estuary.

F. Poole, *Pulteney* ; Hamworthy, *W. M. Rogers*.

G. Abundant on the shore, Owre ; Wych ; Arne ; salt-marsh
below Redcliff, near Wareham.

Devon, Hants, Somerset, Normandy.

762. *A. portulacoides*, *Linn.* *Sea Purslane.*

First record, Pulteney, 1813.

Salt-marshes and waste places by the sea, tidal rivers ; locally
common. Shrub. July—August.

A. Bexington Beach.

C. North side of Chesil Bank, *J. Jones* ; marsh below Portland
Castle, *H. E. Fox* ; Backwater, Weymouth, *G. S. Gibson* ;
sandy ground between Ferry Bridge and Portland ;
abundant on both sides of Chesil Bank between Ferry Bridge
and Abbotsbury.

F. Salterna, Parkstone, *W. M. Rogers*.

G. Shore of Poole Harbour in several places ; Wyke ; Arne.

Devon, Hants, Somerset, Normandy.

SALSOLA, *Linn.*

763. *S. Kali*, *Linn.* *Prickly Saltwort.*

First record, Pulteney, 1799.

- Native ; sandy seashores ; rare. A. July—August.
 C. Weymouth, Chesil Bank, *Pulteney* ; sands, near Ferry Bridge,
G. S. Gibson ; Lulworth Cove, *W. M. Rogers*.
 F. North Haven ; Branksea Island, *Pulteney*.
 G. Swanage, *Pulteney* ; Studland Bay ; South Haven ;
 Kimmeridge Bay.
 Devon, Hants, Somerset, Normandy.

BETA, *Linn.*

764. **B. maritima**, *Linn.* *Sea Beet.*
 First record, *Pulteney*, 1799.
 Native ; seashores, estuary shores, sea cliffs ; common. P.
 July—August.
 A. Burton Bradstock, *Ridley* and *Fawcett* ; Charmouth ; Eype
 mouth ; Lyme Regis ; West Bexington ; Chesil Bank.
 C. North side of Chesil Bank, *Pulteney* ; salt-marshes and shores,
 Weymouth, *G. S. Gibson* ; Lulworth Cove, *Withering* ;
 Abbotsbury ; on both sides of the Fleet estuary.
 F. Salterns, Poole ; Hamworthy, *W. M. Rogers* ; Branksea.
 G. Kimmeridge Bay ; Arish Mill Bay ; shore, St. Alban's Head.
 Devon, Hants, Somerset, Normandy.

SUÆDA, *Forsk.*

765. **S. maritima**, *Dumort.* *Chenopodium maritimum*, *Linn.*
Annual Sea Blite.
 First record, *Pulteney*, 1799.
 Native ; muddy shores, tidal rivers, salt marshes ; common in
 suitable places. A. July—September.
 A. West Bexington.
 C. Weymouth ; Portland, *Pulteney* ; salt-marsh, Lodmoor ;
 abundant on both sides of the estuary from Wyke to
 Abbotsbury.
 F. Poole, *Pulteney*.
 G. Swanage, *Pulteney* ; salt-marsh, Wych ; plentiful from South
 Haven along the shore, Wych ; Owre ; Arne.
 Devon, Hants, Somerset, Normandy.
766. **S. fruticosa**, *Forsk.* *Shrubby Seablite (Mail. Dors.)*
 First record, *Ray*, 1724.
 Native ; sandy seashore ; rare. Shr. July—September.
 C. Portland and coasts of Dorsetshire, *T. Brown (Ray)* ; plenti-
 ful on the isthmus of Portland, called Chesil Bank ; a large
 quantity opposite Fleet House, *Pulteney* ; Weymouth, *T.*
Lambert ; sandy ground, west side of Ferry Bridge.

- F. Windmill Point, Poole, *Pulteney*; creeks south of Longfleet Church, below Parkstone, *W. M. Rogers*; Poole Harbour, spit of land near the new Fever Hospital, abundant.
- G. Arne, north side of the spit of sandy land projecting into the estuary.
Devon, Hants, Somerset, Normandy.

SALICORNIA, *Linn.*

767. **S. herbacea**, *Linn.* *Common Marsh Samphire, Glasswort.*
First record, Ray, 1724.
Native; muddy salt marshes, sides of tidal rivers; common.
August—September.
“*Salicornia myosuroides procumbens, furculis longissimis.*
Found in a little salt marsh on the east side of Poole.”—*D. Stonestreet, Ray Syn.*, p. 137.
- Var. β . *procumbens, Sm.*
- Var. γ . *ramosissima, Woods.*
Both varieties are common in suitable places.
Devon, Hants, Somerset, Normandy.

768. **S. fruticosa**, *Linn.* *Creeping Marsh Samphire, Glasswort.*
First record, Sir J. E. Smith, 1823.
Same habits as the above, very rare. Sh. September.
Weymouth, *Mr. Yalden*; Lightfoot's Herbarium (*Sir J. E. Smith*); found abundantly in the ground recently reclaimed from the Backwater, Weymouth, *Bell Salter*; Chesil Bank, Portland, *H. Groves*; abundant on the west side of Ferry Bridge, Portland.
- F. Poole, near the new Fever Hospital, growing with *Suaeda fruticosa*.
- G. Poole Harbour, shore near Ouse.
Devon, Hants, Normandy.

POLYGONACEÆ, (*Juss.*) *Lindl.*

POLYGONUM, *Linn.*

769. **P. Bistorta**, *Linn.* *Great Bistort, Snakeweed.*
First record, Pulteney, 1799.
Damp meadows and pastures; not common. P. May—July.
- A. Monkton Wyld, *Lester Lester*.
- B. Moist meadows near Sherborne, *Pulteney*; Melbury Park, *W. M. Rogers*.

- C. Meadows, Moreton, *Pulteney*; Evershot, Beaminster road; Rampisham, *W. M. Rogers*; Minterne.
- E. West Bourton, *W. Galpin*; meadows, Hermitage, *W. Galpin*; Shillingstone.
- F. Meadows, Sturminster Marshall, *Pulteney*; meadows, Spettisbury.
- G. Meadows, Creech, *O. L. Mansel*; Stoborough meadows, near Wareham.
Devon, Hants, Somerset, Wilts, Normandy.

770. *P. amphibium*, *Linn. Amphibious Persicaria.*

First record, *Pulteney*, 1820.

Native; still waters and land adjoining; common. P. July—August.

- A. West Bexington, in ditches and on the moist-land adjoining.
- B. Lake, Sherborne Park; Bradford Abbas.
- C. Osier bed, Nottingham.
- D. River, Chamberlayne's, Bere Regis; Morden Park Lake.
- E. River Lidden, near its junction with the Stour.
- G. Stoborough meadows.
Devon, Hants, Somerset, Wilts, Normandy.

771. *P. maculatum*, *Dyer and Trimen.*

First record, *Mansel-Pleydell*, 1891.

Native; waste and cultivated ground; rare. A. July—October.

- C. Riverside, Came, *W. B. Barrett*; Bindon Abbey.
- D. Cultivated land, Bere Regis, east side.
- E. Waste ground, Stalbridge, *Mrs. Allen*.
- F. Waste ground, Pond-head, Houghton.
- G. Langton Matravers, *Lester Lester*.
Devon, Hants, Somerset, Wilts.

772. *P. Persicaria*, *Linn. Spotted Persicaria.*

First record, *Bell Salter*, 1830.

Native; damp meadows, sides of ditches, cultivated ground; common. - A. June—October.

Generally distributed.

Var. *β. elatum*, *Gren. and Godr.*

- A. Bridport, *W. M. Rogers*; West Bexington.
- C. Ditches, Bindon Abbey.
- D. Cultivated land, Bere Regis, east side.
- F. Nursery Gardens in Bournemouth; Talbot Village, *E. F. Linton*; cultivated land, La Lee, Whatcombe.

- G. Sides of watercourse between Wareham and the railway station.
Devon, Hants, Somerset, Wilts, Normandy.
773. *P. lapathifolium*, Linn. *Glandular Persicaria*.
First record, Bell Salter, 1830.
Native; damp places, cultivated ground, manure heaps; common. A. June—August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
774. *P. mite*, Shrank. *Lax-flowered Persicaria*.
First record, Mansel-Pleydell, 1874.
Native; sides of ditches, wet places; rare. A. June—September.
A. Banks of river, Puncknoll Mill.
C. Banks of river, Came, *W. B. Barrett*.
D. Meadows, Burlleston; Bryantspuddle; sides of water courses between Wareham and the railway station.
F. Riverside between Spettisbury and Shapwick, where it is rather common, *R. P. Murray*.
Devon, Hants, Somerset, Normandy.
775. *P. minus*, Huds. *Small Persicaria*.
First record, Pulteney, 1799.
Native; marshes and wet places; rare. A. August—September.
D. Sides of water courses in the meadows between Wareham and the railway station.
E. Glanville's Wootton, *W. M. Rogers*.
F. Between the turnpike and Corfe Mullen Church, *E. Binfield*; marsh, Talbot Village, *E. F. Linton*!
Devon, Hants, Wilts, Normandy.
776. *P. Hydropiper*, Linn. *Water Pepper*.
First record, Bell Salter, 1830.
Native; ditches, wet places, riversides; common. A. August—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
777. *P. aviculare*, Linn. *Common Knotgrass*.
First record, Bell Salter, 1830.

Cultivated and waste ground, roadsides, gardens ; common.

A. June—September.

Among the various forms of this polymorphous plant are :

- Var. *α*. *vulgatum*, *Syme.* } Generally distributed.
 Var. *β*. *agrestinum* (*Jord.*) }
- Var. *γ*. *arenastrum* (*Bor.*)
 A. West Bexington ; Abbotsbury.
 C. Lodmoor ; Backwater, Weymouth ; roadside Wimborne, *T. R. A. Briggs.*
 F. Hamworthy.
 G. Arne, South Haven.
- Var. *δ*. *urivagum* (*Jord.*)
 A. Puncknoll.
 E. Stalbridge.
 G. Norden clay pits ; Kimmeridge Bay ; Gadcliff ; Arne.
- Var. *ε*. *littorale* (*Link.*)
 A. Lyme Regis ; West Bexington ; Bridport Harbour ; Chesilbank, Abbotsbury.
 C. Lulworth Cove.
 G. Kimmeridge Bay ; Studland Bay.
 Devon, Hants, Somerset, Wilts, Normandy.
778. *P. Roberti*, *Loisel.* *P. Raii*, *Bab.* *Ray's Knotgrass.*
 First record, Mansel-Pleydell, 1874.
 Native ; sandy seashores ; frequent. A. or B. September—October.
 A. Lyme Regis ; Charmouth.
 C. Weymouth, *W. M. Rogers* ; Chesil Bank, Portland ; Lulworth Cove.
 F. Parkstone salt-marsh, *W. M. Rogers.*
 G. Kimmeridge Bay ; Swanage Bay ; Studland Bay.
 Devon, Hants, Somerset, Normandy.
779. *P. Convolvulus*, *Linn.* *Climbing Buckwheat.*
 Native ; cultivated ground, waste places ; common. A.
 July—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
780. *P. dumetorum*, *Linn.* *Copse Buckwheat.*
 First record, Mansel-Pleydell, 1874.

Native ; hedges, thickets, and copses ; rare. A. July—September.

- A. Bushy places, Ensbury, *J. H. Austen*.
Devon, Hants, Somerset, Wilts, Normandy.

HYBRID.

781. *P. Persicaria-minus*, *A. Braun. Ap. Doell.*

First record, Mansel-Pleydell, 1891.

- A. Sides of river, Puncknoll Mill.
Normandy.

RUMEX, *Linn.*

782. *R. Hydrolapathum*, *Huds. Great Water Dock.*

First record, Pulteney, 1799.

Native ; banks of rivers and ditches ; common. P. May—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

783. *R. crispus*, *Linn. Curled Dock.*

First record, Bell Salter, 1830.

Native ; roadsides, pastures, cultivated ground ; common. P. June—October.

Devon, Hants, Somerset, Wilts, Normandy.

784. *R. acutus*, *Linn. R. pratensis*, *M. and K. Meadow Dock.*

First record, H. C. Watson, 1873.

Probably a hybrid between *R. crispus* and *R. obtusifolius*.

Native ; by roadsides, waste ground, pastures ; rare. P. July—November.

- D. Roadsides between Wareham and Bere Regis, near the fifth milestone.

- E. Waste ground in Piddle Wood ; roadside between Newton and Okeford Fitzpaine.

- F. Between Knighton and Kingston, *T. R. A. Briggs* ; Branksome Park, *W. M. Rogers*.

- G. Many places in Purbeck, *W. Borrer* ; Arne ; between Ulwell and Studland, *W. M. Rogers* ; pastures, Kimmeridge ; Corfe Castle.

Devon, Hants, Somerset.

785. *R. obtusifolius*, *Linn. Broad-leaved Dock.*

First record, Bell Salter, 1830.

Native ; waste ground, roadsides, pastures ; common. P.
 May—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

786. **R. sanguineus**, *Linn.* *Bloody-veined Dock.*

First record, Bell Salter, 1830.

Native ; roadsides, ditches, hedgebanks, woods. The form
genuinus, very rare, that of *viridis* is common. P. June—
 September.

F. Lee Field, Whatcombe.

Var. *g. viridis* (*Sibth.*).

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

787. **R. conglomeratus**, *Murr.* *Sharp Dock.*

First record, Bell Salter, 1830.

Native ; sides of ponds, marshes, wet meadows, roadsides ;
 common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

788. **R. pulcher**, *Linn.* *Fiddle Dock.*

First record, Pulteney, 1799.

Native ; roadsides, waste ground ; frequent ; more
 common near the sea. B? July—September.

A. Abbotsbury, waste ground east of the Castle.

C. Chickereil ; Lulworth Cove ; Portland ; Wyke Regia.

D. Near Wareham railway station, *W. M. Rogers* ; hedges,
 Worgate, near Wareham.

E. Woolland, *W. M. Rogers* ; Iwerne Minster, *E. F. Linton*.

F. Enclosures about Langton Farm, near Blandford, *Pulteney* ;
 Shapwick ; Poole ; Sturminster Marshall, *W. M. Rogers* ;
 Cranborne ; Winterborne Whitechurch ; Chescombe Farm ;
 Longham ; Milborne St. Andrew.

G. Corfe Castle, among the ruins ; shore, Studland ; under walls,
 in several places between Kimmeridge and Langton
 Matravers ; Worth ; Tyneham.

Devon, Hants, Somerset, Wilts, Normandy.

789. **R. palustris**, *Sm.* *Yellow Marsh Dock.*

First record, H. C. Watson, 1873.

Native ; wet places ; rare. P. July—September.

"Topographical Botany" (H. C. Watson) does not give Mr. Bloxam's locality.

Hants, Somerset, Wilts, Normandy.

790. **R. maritimus**, *Linn. The Golden Dock.*

First record, Pulteney, 1799.

Native; wet places and banks of ditches near the sea; rare.

B. July—August.

C. Sides of ditches, Lodmoor, near Weymouth, *W. B. Barrett.*

F. Poole, *Pulteney.*

G. Wareham, *Pulteney.*

Devon, Somerset, Normandy.

791. **R. Acetosa**, *Linn. Common Sorrel.*

First record, Bell Salter, 1830.

Native; meadows and pastures; common. P. April—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

792. **R. Acetosella**, *Linn. Sheep's Sorrel.*

First record, Bell Salter, 1830.

Native; heaths, pastures, roadsides; common, especially on the heaths and sandy districts of the county. P. April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

THYMELEÆ, *Juss.*

DAPHNE, *Linn.*

793. **D. Laureola**, *Linn. Spurge Laurel.*

First record, Pulteney, 1799.

Native; woods and thickets; rare. Shrub. February—March.

A. Bridehead rookery, *A. E. Eaton*; Lyme Regis, *F. T. Richard*; Symondsburry; Mapperton, *E. Fox*; Mawerbury Lane; field near the sheepwash, Symondsburry, *Mrs. Reid.*

B. Bradford Abbas; Cliff Wood and the Rectory Copse, *Prof. Buckman*; Leigh drove; Chetnole, towards Stockwood Common, and on the road to Leigh, *W. M. Rogers*; Bere Hacket, *D. Stephens*; Honeycombe Wood, in abundance, *F. W. Galpin.*

D. Morden, *Pulteney.*

- E. Cranborne Chase ; Sturminster Newton ; Marnhull, *Pulteney* ;
Buckhorn Weston, *W. Galpin* ; Glanville's Wootton, *J. C. Dale*.
- F. Almer, *Pulteney* ; Bryanston Park ; hedgebank, near White-
church on the Blandford and Dorchester mainroad.
Devon, Hants, Somerset, Wilts, Normandy.
794. **D. Mezereum**, *Linn. Mezereon.*
First record, *Pulteney*, 1799.
Native ; woods and copses ; rare. Shrub. March.
- A. Hook Park, *E. Fox*.
- F. Several parts of Cranborne Chase ; Langton Copse, near
Blandford ; hedgerows at Eastbury, *Pulteney*.
Somerset, Wilts, Normandy.

ELÆAGNEÆ, Br.**HIPPOPHAE, Linn.**

795. [**H. rhamnoides**, *Linn. Sea Buckthorn.*
First record, Mansel-Pleydell, 1891.
Alien ; waste places, near the sea ; rare. Sh. May.
- C. Hedges, Abbotsbury, and in Lord Ilchester's tropical garden,
where it is a troublesome weed.
- G. Swanage, *W. M. Rogers*.
Normandy.]

LORANTHACEÆ, Don.**VISCUM, Linn.**

796. **V. album**, *Linn. Common Mistletoe.*
First record, *Pulteney*, 1799.
Native ; parasite on trees ; rare. Sh. March—May.
- A. Orchards, Mosterton, *E. Fox*.
- B. Bishops Caundle, *Prof. Buckman*.
- F. Common on various kinds of trees in Cranborne Chase ! and
on apple trees in old orchards ; in orchard at Pamphill,
near Wimborne, *Pulteney* ; Crichel Park, abundant.
Devon, Hants, Somerset, Wilts, Normandy.

SANTALACEÆ, Br.**THESIUM, Linn.**

797. **T. humifusum**, *D. C. Bastard Toad-flax.*
First record, *Pulteney*, 1799.

- Native ; grassy banks, downs, and pastures ; rare. P. June—October.
- C. Cliffs by Sandsfoot Castle, *G. S. Gibson* ; sandy field near the Portland Lighthouse, *F. T. Richard* ; Smallmouth Sands,
- F. Hod Hill ; Hambledon Hill ; Race Down, Pimperne ; Nutfield Field, near Blandford, *Pulteney* ; Badbury Down, *R. P. Murray* ; rough ground, near the Industrial School ; Deverel Down ; Longthorns.
- G. Downs above Dancing Ledge, *W. Borrer* ; Seacombe Down ; Downs above Ulwell.
Devon, Hants, Somerset, Wilts, Normandy.

EUPHORBIACEÆ, *A. Juss.*EUPHORBIA, *Linn.*

798. **E. Peplis**, *Linn. Purple Spurge.*
First record, Pulteney, 1813.
Native ; sandy sea-shores ; very rare. July—August.
- A. Among sand at Bridport, *J. Sims* ; West Beach, Bridport Harbour, near the shipyard, *Miss Clark*, Sept. 26, 1875 !
Hants, Devon, Somerset, Normandy.
799. **E. Helioscopia**, *Linn. Sun Spurge.*
First record, Bell Salter, 1830.
Native ; cultivated and waste ground, gardens ; common. A.
February—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
800. **E. platyphyllos**, *Linn. Broad-leaved Warty Spurge.*
E. stricta, *Sm. (non Koch)*. E. B. P. 353. Starved plants of this species were called *E. stricta* in Pulteney's time.
First record, Pulteney, 1799.
Casual or colonist ; cultivated ground ; rare.
- B. Bradford Abbas, Wyke Farm, *Prof. Buckman*.
- C. A fallow field adjoining the cross-roads between Radipole and Nottingham ; field of vetches, Langton Farm, near Blandford, *Pulteney*.
- G. Cornfield on the east side of St. Alban's Head, *W. Borrer* ; also in cultivated ground on the west side of the Head.
Hants, Somerset, Wilts, Normandy.
801. **E. Paralias**, *Linn. Sea Spurge.*
First record, Pulteney, 1799.

- Native ; sandy sea-coasts ; rare. P. July—September.
- C. "It is one of the first plants that occurs on passing over to the Chesil Bank!" *Pulteney*; cliffs, Osmington Mills, *F. W. Galpin*.
- F. Sandy shore, Poole, *Pulteney*.
- G. Sandy shore, Swanage, *Pulteney*.
Devon, Hants, Somerset, Normandy.
802. **E. portlandica**, *Linn. Portland Spurge*.
First record, Ray, 1690.
Native ; shingly sea-beaches, sea-cliffs, grassy places near the sea ; frequent. P. May—August.
- A. Chesil Bank, Abbotsbury.
- C. Portland, *Stonestreet* ; Lulworth, *Pulteney* ; Chesil Bank, *G. S. Gibson* ; cliffs, Holworth ; Arish Mill Bay ; Downs above Mewps Bay.
- G. Coast in Purbeck, Langton Matravers ; Tyneham, *Pulteney* ; Gadcliff, very abundant.
Devon, Hants, Normandy.
803. **E. exigua**, *Linn. Dwarf Spurge*.
First record, *Pulteney*, 1799.
Colonist ; cultivated ground ; common. A. July—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
804. **E. Peplus**, *Linn. Petty Spurge*.
First record, Bell Salter.
Native ; cultivated ground, waste ground, gardens ; common.
A. July—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
805. [**E. Lathyris**, *Linn. Caper Spurge*.
First record, Mansel-Pleydell, 1874.
Alien ; cultivated ground ; rare. B. June—July.
B. Bradford Abbas, *Prof. Buckman*.
G. Church Knowle, *O. L. Mansel*.
Wilts, Normandy.]
806. **E. amygdaloides**, *Linn. Wood Spurge*.
First record, *Pulteney*, 1813.
Native ; woods, thickets, and hedges ; common. P. April—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

BUXUS, *Linn.*807. **B. sempervirens**, *Linn.* *Common Box.*

First record, Bell Salter, 1830.

Alien ; shrubberies ; rare. Sh. April—May.

- A. Mapperton Hill, *E. Fox* ; Wootton Fitzpaine, *F. T. Richard*.
- B. Marston road, Sherborne, *F. W. Galpin*.
- C. Came, near Dorchester, *F. W. Galpin*.
- E. Hambledon Hill, *E. Fox* ; Kington Magna, *W. Herridge*.
- F. Parkstone, *W. M. Rogers* ; Bryanstone Drive, very abundant.
Devon, Hants, Somerset, Wilts, Normandy.

MERCURIALIS, *Linn.*808. **M. perennis**, *Linn.* *Perennial Dog's Mercury.*

First record, Bell Salter, 1830.

Native ; woods, thickets, hedge banks ; common. P.
February—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

809. **M. annua**, *Linn.* *Annual Dog's Mercury.*

First record, Pulteney, 1799.

Waste and cultivated ground, gardens ; frequent. A. July—
November.

- A. Symondsburly, *E. Fox* ; Lyme Regis, *F. T. Richard*.
- B. Bradford Abbas, *Prof. Buckman*.
- C. West Lulworth ; Dorchester, *W. M. Rogers* ; road leading to
the Gashouse, Weymouth ; Sandsfoot Castle ; Ham, Poole ;
Rodwell.
- D. Near Wareham railway station, *W. M. Rogers* ; roadside,
one mile from Wareham on the Bere-road ; Sandford
Lane.
- F. Poole ; Hamworthy, *W. M. Rogers* ; Charlton, *E. K. Chambers* ;
cultivated ground, near Broadley Wood ; sandy ground
near the third milestone on the Poole and Ringwood road ;
Thorncombe ; Langton, near Blandford ; Longthorns ;
Winterborne Kingston allotments.
- G. Kimmeridge ; Creech claypits ; under walls, Worth
Matravers.

Var. *β. ambigua*. Flowers monœcious.C. West Lulworth, *E. Holmes*.D. Manure-heaps, between Wareham and the railway station.
Devon, Hants, Somerset, Wilts, Normandy.

URTICACEÆ, E.

URTICA, *Linn*

810. *U. urens*, *Linn.* *Small Nettle.*
 First record, Bell Salter, 1830.
 Native; waste and cultivated ground, especially near dwellings; common. A. May—December.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
811. *U. dioica*, *Linn.* *Common Nettle.*
 First record, Bell Salter, 1830.
 Native; waste and cultivated ground, woods, waysides; common. P. April—September.
 Devon, Hants, Somerset, Wilts, Normandy.

PARIETARIA, *Linn.*

812. *P. officinalis*, *Linn.* *Pellitory of the Wall.*
 First record, Bell Salter, 1830.
 Native; stony banks, rocks, and old walls; frequent. P. April—October.
- A. Quarries under Eggardon Hill, *E. Fox*; near Bridport, *Ridley* and *Fawcett*.
 - B. Bradford Abbas, *Prof. Buckman*.
 - C. Chapelhay, Chickereel-road; Wyke Church, *W. B. Barrett*; walls, Portland Castle,; walls, Abbotsbury.
 - D. Farm-house wall, Turnerspudde; Chamberlayne's.
 - E. Walls, Stourton Caundle; Stoke Wake.
 - F. Shapwick; Poole, *W. M. Rogers*; church-walls, Winterbourne Whitechurch.
 - G. Walls, Corfe Castle.
 Devon, Hants, Somerset, Wilts, Normandy.

HUMULUS, *Linn.*

813. *H. Lupulus*, *Linn.* *Common Hop.*
 First record, Pulteney, 1813.
 Native; hedges and thickets; common. P. July—October.
- A. Bridport; Charmouth, *Ridley* and *Fawcett*; Lyme Regis, *W. B. Barrett*; Wootton Fitzpaine.
 - B. Chetnole; Ryme, *W. M. Rogers*; Bradford Abbas.
 - C. Chickereel road, and road below Westbrook House, *W. B. Barrett*; Evershot; Rampisham, *W. M. Rogers*; Radipole.

- D. Shitterton ; Affpuddle ; Ansty ; Milborne St. Andrew.
 E. Glanville's Wootton, *J. C. Dale* ; Woolland, *W. M. Rogers* ;
 Ibberton.
 F. Bannel Mead, Spettisbury, *T. Rackett* ; Shapwick ; Sturminster
 Marshall ; Wimborne ; Hamworthy, *W. M. Rogers* ;
 Merley ; Gain's Cross, Durweston ; Longthorns ; Oatclose.
 G. Between Swanage and Studland ; Corfe Castle, *W. M.*
Rogers ; Puddle Mill ; Arne.
 Devon, Hants, Somerset, Wilts, Normandy.

CANNABIS, *Linn.*

814. [*C. sativa*, *Linn.* *Common Hemp.*

First record, Fuller, 1662.

Alien ; cultivated. A. Staminiferous flower, July. Pistiliferous flower, August.

- A. "England has no better hemp than what groweth here betwixt Beminster and Byrdport, the use whereof is of absolute necessity for cordage, clothing, &c. ; so that a man may admire that the seed so profitable, and our land affording so much strong and deep ground proper for the same, so little is sown thereof."—*Fuller*.

- E. Sturminster Newton.]

"Proverb : Stab'd with a Byrdport Dagger, that is, hanged or executed at the Gallows."

"There is an ancient Statute (though now disused and neglected) that the Cabel Ropes of the Royal Navy were to be made thereabouts (Bridport), as affording the best tackling for that purpose."—*Fuller's Worthies*.

Normandy.

ULMUS, *Linn.*

815. *U. campestris*, *Sm.* *Common Elm.*

First record, Bell Salter, 1830.

Hedgerows and woods ; denizen. Tree. February—March. Johnson describes three kinds of elm :—1. *Ulmus vulgatus folio lato scabro*, the common elm tree. 2. *Ulmus minor folio angusto scabro*, the narrow-leaved elm. 3. *Ulmus folio latissimo scabro*, wych hazel, or the broadest-leaved elm (*Ulmus montana*, *With.*)

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

816. *U. montana*, *With.* *U. glabra*, *Mill.* *The Wych Elm.*

First record, Bell Salter, 1830.

Native ; woods and hedges. Tree. March—April.

In May when the *samaræ* are nearly ripe, they give to the tree the appearance of being in foliage.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CUPULIFERÆ, *Rich.*

QUERCUS, *Linn.*

817. **Q. Robur**, *Linn. Oak.*

First record, Bell Salter, 1830.

Native; woods, copses, hedges; common. Tree. April—March.

Generally distributed.

Var. *α*. *pedunculata*, (*Ehrh.*)

Var. *β*. *intermedia* (*D. Don*), rarer than the other two varieties.

Var. *γ*. *sessiliflora* (*Salisb*), less common than var. *α*.

Devon, Hants, Somerset, Wilts, Normandy.

FAGUS, *Linn.*

818. **F. sylvatica**, *Linn. Common Beech.*

First record, Bell Salter, 1830.

Native; woods, especially on the chalk; common. Tree. March—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CARPINUS, *Linn.*

819. **C. Betulus**, *Linn. Common Hornbeam.*

First record, Bell Salter, 1830.

Native; woods and hedges; the rarest of the *Cupuliferæ* in the county. Tree. April—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CORYLUS, *Linn.*

820. **C. Avellana**, *Linn. Common Hazel.*

First record, Chafin, 1800.

Native; woods, copses, hedges; very common. Tree. February—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ALNUS, *Linn.*821. **A. glutinosa**, *Linn.* *Common Alder.*

First record, Pulteney, 1813.

Native; banks of rivers and streams, marshes; common.

Tree. March—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

BETULA, *Linn.*822. **B. alba**, *Linn.* *Birch.*

First record, Bell Salter, 1830.

Native; woods and thickets and dry heaths; common.

Tree. March—May.

Var. *α*. **B. verrucosa**, *Ehrh.* *White Birch.*Var. *β*. **B. pubescens**, *Ehrh.* *Common Birch*, which differs fromVar. *α* in the sterile branches and sometimes the leaves being pubescent and the twigs less frequently pendulous.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

MYRICACEÆ, *Rich (Lindl.)***MYRICA**, *Linn.*823. **M. Gale**, *Linn.* *Sweet Gale. Golden Withy.*

First record, Bell Salter, 1830.

Native; bogs and wet heaths; abundant in suitable localities.

Shrub. April—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

SALICINEÆ, *Rich.***POPULUS**, *Linn.*824. **P. alba**, *Linn.* *White Poplar.*

First record, Bell Salter, 1830.

Native? moist woods, meadows, banks of rivers; common.

Tree. March—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

825. **P. canescens**, *Sm.* *Hoary Poplar, Grey Poplar.*
 First record, Bell Salter, 1830.
 Native; damp woods and meadows; rare. Tree. March.
 D. Roadside, Turnerspuddle.
 Devon, Hants, Somerset, Wilts, Normandy.
826. **P. tremula**, *Linn.* *Aspen.*
 First record, Bell Salter, 1830.
 Native; woods and heaths; frequent. Tree. February—
 March.
 A. Monkton Wyld; North Hill, Bridport, *Ridley* and *Fawcett*.
 B. Leigh Drove, *W. M. Rogers*.
 C. By the Frome, near Dorchester, *W. M. Rogers*; Stinsford,
 near Dorchester, *F. W. Galpin*; Moreton Heath, near
 Moreton north lodge.
 D. Bere and Poole road, *T. R. A. Briggs*; river-banks,
 Chamberlaynes.
 E. Glanvilles Wootton, *J. C. Dale*; Bailey Ridge, *W. M.*
Rogers.
 F. Near Canford, *T. R. A. Briggs*; Bryanstone; Verwood moor.
 Devon, Hants, Somerset, Wilts, Normandy.
827. **P. niger**, *Linn.* *Black Poplar.*
 First record, Bell Salter, 1830.
 Native; banks of rivers and damp roads; common. Tree.
 March.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- SALIX**, *Linn.*
828. **S. fragilis**, *Linn.* *Crack Willow.*
 First record, Bell Salter, 1830.
 Native; banks of rivers, osierbeds, moist meadows; common.
 Tree. April—May.
 Generally distributed.
- Var. β . *decipiens*, *Hoffm.* Kinson, *E. F. Linton*.
 Devon, Hants, Somerset, Wilts, Normandy.
829. **S. alba**, *Linn.* *Golden Willow.*
 First record, Bell Salter, 1830.
 Native; banks of rivers and osierbeds; common. Tree.
 April—May.
 Generally distributed.

- Var. γ . *vitellina* (*Linn*), riverside, Bryanstone.
Devon, Hants, Somerset, Wilts, Normandy.
830. *S. triandra*, *Linn*. *Almond-leaved Willow*.
First record, Pulteney, 1799.
Native; sides of streams and damp woods; common. Small tree or shrub. April—May.
- Var. α . *amygdalina* (*Linn*).
E. Hazelbury Bryan.
F. Blandford, *Pulteney*; neighbourhood of Wimborne, *Bell Salter*; riverside, Spettisbury.
G. Hedges, Kimmeridge.
E. Compton Abbas.
F. Iwerne Minster; Kinson; Wimborne; Tarrant Keynston, *E. F. Linton*.
- Var. β . *Hoffmanniana* (*Sm.*)
D. Wareham, *E. F. Linton*.
Devon, Hants, Somerset, Wilts, Normandy.
831. *S. purpurea*, *Linn*. *Purple Willow*.
First record, Pulteney, 1799.
Native; banks of rivers, osierbeds; common. Tree.
April—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
832. *S. rubra*, *Huds.* *Rose Willow*.
First record, Bell Salter, 1830.
Native? sides of rivers, osierbeds; frequent. Tree. March.
- Var. α . *Helix* (*Linn*).
F. Banks of river, Bryanstone.
G. Near Scotland Farmhouse, Studland.
Hants, Wilts, Normandy.
833. *S. viminalis*, *Linn*. *Common Osier*.
First record, Bell Salter, 1830.
Native; sides of streams, wet meadows, osierbeds; common.
Tree. February—April.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
834. *S. Smithiana*, *Willd.* *Silky-leaved Osier*.
First record, Mansel-Pleydell, 1874.
Native; bushy wet places; rare. Sh. March.

C. Dorchester, *E. F. Linton*.

F. Tarrant Keynston ; Iwerne Minster ; Wimborne, *E. F. Linton* ; river-banks, Bryanstone.
Devon, Hants, Somerset.

835. *S. acuminata*, *Sm. Long-leaved Sallow.*

First record, Mansel-Pleydell, 1874.

Native ; damp woods and hedges ; rare. Tree. April.

F. Hedges, Spettisbury.
Hants.

836. *S. aurita*, *Linn. Round-eared Willow.*

First record, Bell Salter, 1830.

Native ; damp hedges and thickets on the heath-districts of the county ; frequent. Shrub. April—May.

B. Bradford Abbas, *D. Stephens* ; Batcombe, *W. M. Rogers*.

D. Hedges, Bere Wood ; Cewleaze ; Chamberlayne's ; Spring Copse, Turnerspuddle.

E. Piddle Wood, Sturminster Newton ; Melcombe Park ; Honeycombe Wood ; Lydlinch Common.

F. Kinson ; Wimborne ; Henbury Hill, *E. F. Linton* ; Verwood ; Bryanstone.

G. Rempstone, near Woody Hyde.

Devon, Hants, Somerset, Wilts, Normandy.

837. *S. cinerea*, *Linn. Common Sallow.*

First record, Bell Salter, 1830.

Native ; moist woods, hedgerows, and sides of streams ; common. Tree or shrub. February.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

838. *S. Caprea*, *Linn. Great Round-leaved Sallow.*

First record, Bell Salter, 1830.

Woods, pastures, and hedgerows ; common. Tree or shrub. February.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

839. *S. repens*, *Linn. Dwarf Willow.*

First record, Pulteney, 1799.

Native ; damp and dry heaths ; very common. Shrub. March—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

EMPETREÆ, D. Don.**EMPETRUM, Linn.**840. **P. nigrum, Linn.** Crowberry or Crakeberry.First record, Mansel-Pleydell, 189~~8~~³

Native; heaths and peaty moors; rare. Shr. April—May

G. Studland Heath, *W. Mitten*.

Devon, Somerset

CERATOPHYLLÆ, Gray.**CERATOPHYLLUM, Linn.**841. **C. demersum, Linn.** Hornwort.

First record, Mansel-Pleydell, 1874.

Native; ponds and ditches; rare. P. July—September.

A. Sherborne Park Lake.

F. Stepleton Lake.

G. Encombe Lake; ditches, Stoborough meadows, Warcham.

Devon, Hants, Somerset, Wilts, Normandy.

CONIFERÆ, Linn.**PINUS, Linn.**842. **P. sylvestris, Linn.** Scotch Fir.

First record, Bell Salter, 1830.

Native; heathy sandy places; common. Tree. April—May.

Common on the heaths of the county. Found in beds belonging to prehistoric times,

Pinus sylvestris first appeared in Europe in the Miocene period.

It now stretches from the Western Alps, across the Black Sea to the Caucasus and Siberia. Several of the *Abietinæ*, including the Common Spruce, formed part of the British Flora in the Pliocene age. Their remains are met with in the Forest Bed of Norfolk; none returned after the Ice age with the exception of the Scotch fir. Sir Charles Lyell gives an account of a submerged fir-forest at Bournemouth cropping out from beneath a bed of shingle, and lying in a direct line with the Bournemouth valley. Seventy-six rings of annual growth were counted in a transverse section of one of the trees, which was 14 inches in diameter. The Scotch firs, scattered over the heaths of the county, are probably the descendants of indigenous forests.

Devon, Hants, Somerset, Wilts, Normandy.

843. [**P. Pinaster**, *Ait.* **P. maritima**, *Linn.* *Cluster Pine.*
 First record, J. Woods, 1848.
 Alien ; turfy heaths and peaty moors ; naturalized. F. May
 —June.
 F. Naturalized about Bournemouth and the neighbourhood of
 Poole.
 “ In the Poole basin the *Pinus Pinaster* propagates itself,
 and at Alum Chine, and perhaps elsewhere, we may make
 out a strong probability of two native generations ; in
 which case I think the tree ought to find a place in the
 English Flora. *J. Woods, Phytologist*, iii. p. 261.]

JUNIPERUS, *Linn.*

844. **J. communis**, *Linn.* *Common Juniper.*
 First record, Bell Salter, 1830.
 Native ; downs, heaths, and hilly woods ; frequent. Shrub.
 May.
 A. Puncknoll Common, *E. Fox.*
 C. Several browse-stunted places, on a furzy knoll, north of
 Fleet House and the Langton Herring coastguard station.
 In an adjoining plantation, where it is allowed to grow
 unmolested, it attains the height of four or five feet.
 D. Bloxworth.
 F. Thickthorn Down ; Down between Milton Lake and Luccombe
 Farm House.
 G. Langton Matravers, *E. Bankes* ; plantation below Bushy,
Nelson Richardson.
 Hants, Somerset, Wilts, Normandy.

TAXUS, *Linn.*

845. **T. baccata**, *Linn.* *Yew.*
 First record, Pulteney, 1799.
 Native ; woods and chalky-banks ; frequent on the chalk-
 districts. Tree. March—May.
 “ It seems to prefer a chalky soil, since, as far as I have seen,
 it is only found in such situations in Dorset. In the
 eastern part of the Chase and in a circle of some miles
 about Cranborne, it is common at least, on the Dorset side.”
Pulteney.
 F. Tarrant Keynston, *F. W. Galpin* ; hedges, France Down,
 Hambledon Hill, abundant ; downs and hedgerows between
 Hanford and Steepleton.
 Hants, Somerset, Wilts, Normandy.

MONOCOTYLEDONEÆ.

ORCHIDEÆ, *Linn.*SPIRANTHES, *Rich.*846. *S. autumnalis*, *Rich. Autumnal Lady's Tresses.*

First record, Pulteney, 1799.

Native ; downs, pastures, grassy cliffs ; frequent. P. August—September.

- A. Loders, *J. Jones* ; Lyme Regis ; Charmouth, *F. T. Richard* ; West Bexington ; cliffs, Burton Bradstock.
- C. Bank near Bow and Arrow Castle, Portland, *W. Whitwell* ; cliffs west of Weymouth, *W. M. Rogers* ; downs between Osmington and Ringstead, *F. W. Galpin* ; sandy ground near Ferry Bridge, Portland ; Langton Herring.
- D. Ilsington meadows, near Puddletown, *Pulteney* ; sandy ley-field near the third milestone on the Wareham and Bere main-road ; downs above Bingham's Melcombe.
- E. Rushmore Down.
- F. Milldown, near Blandford, *Pulteney* ; Clenston Down ; Whatcombe Park ; Lytchett Heath ; Badbury Rings.
- G. Cliffs, Swanage, *W. M. Rogers* ; Flower's Barrow ; pastures, Studland ; Church Knowle ; Kimmeridge Hill ; waste ground above Dancing Ledge ; Langton Matravers ; Arish Mill. Devon, Hants, Somerset, Wilts, Normandy.

NEOTTIA, *Linn.*847. *N. Nidus-avis*, *Rich. Bird's-nest Orchis.*

First record, Pulteney, 1799.

Native ; shady woods and copses ; not common. P. May—June.

- A. Big Wood, Littlebredy, *E. A. Eaton* ; copse near Mythe, Mapperton, *E. Fox*.
- B. Honeycombe, near Sherborne, *F. W. Galpin* ; Melbury Wood.
- C. Hefleton, *A. R. Hartley*.
- D. Marl-pit, Gray's Wood, Turner's Piddle, *Mrs. Mary Frampton*.
- E. Glanville's Wootton, *W. Dale*.
- F. In the Chase a little to the east of Rushmore Lodge ; Little Wood, Chettle, *W. Chaffin* ; in the more shady parts of Broadley and Clenston Wood, *E. Binfield* ; Longthorns Copse ; Badbury Rings ; Delcombe Wood ; Bryanstone Drive ; Meriden Wood, Houghton ; Cravet's Plantation, Whatcombe. Devon, Hants, Somerset, Wilts, Normandy.

LISTERA, R. Br.**848. L. ovata, R. Br. Common Tway-blade.**

First record, Pulteney, 1799.

Native ; woods, copses, shady places ; common. P. May—
September

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

EPIPACTIS, Rich.**849. E. latifolia, Sm. Broad-leaved Helleborine.**

First record, Bell Salter, 1830.

Native ; woods and shady places ; uncommon. P. July—
August.A. Big Wood, Little Bredy, *A. E. Eaton*.B. Leigh Wood, *W. M. Rogers*.C. Wood, Abbotsbury, *W. Whitwell*.

D. Near Trigon Hill Lodge, on the Wareham and Bere main-road.

E. Woolland Wood, *W. M. Rogers* ; hedgebanks on the main-road
between Durweston and Shillingstone.F. Broadley Wood, near Blandford ; Clenston Wood ; hedges of
White Lane, Blandford, *Pulteney* ; Blandford St. Mary,
E. K. Chambers ; Cravet's Plantation, Whatcombe ; Del-
combe Wood ; banks of plantation between the old Deer
Park and the Abbey ; plantation between Milton Abbey and
Hilton ; plantation, Spettisbury.

G. Creech Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

850. E. palustris, Sw. Marsh Helleborine.

First record, Pulteney, 1799.

Native ; marshy and swampy places ; rare. P. July—
August.A. In the swampy bottom, Loders, *Pulteney* ; Charmouth,
E. Fox ; Lyme Regis, *Miss Lister* ; marshy ground, under
Golden Cap ; copse at Berwick, on the river Bredy ;
Poorstock Common.

B. Honeycomb Wood.

C. Holworth.

D. Boggy ground between Morden and Bloxworth.

E. Piddle Wood, Sturminster Newton, *Pulteney* ; Miller's Close,
Glanville's Wootton ; Cosmoor Common, Buckland
Newton, *J. C. Dale* ; Prince's Wood, Middlemarsh.F. Marshy places between Wimborne and Ringwood, *Pulteney*.

- G. Base of cliffs, Punfield ; swampy places, Chapman's Pool, near Encombe.
Devon, Hants, Somerset, Wilts, Normandy.

CEPHALANTHERA, Rich.

851. **C. pallens, Rich.** *White Helleborine.*
First record, Pulteney, 1799.
Native ; woods, bushy places, chalk-downs ; rare. P. May—June.
F. In the grove of the Down House, near Blandford ; Little Wood, Chettle, *Pulteney* ; St. Giles' Wood, near the north lodge, *Hon. Mrs. Oldfield* ; Creech Hill, near Cranborne, *Dr. T. Wake Smart* ; Ranston, *R. P. Murray* ; grassy banks, Bryanstone ; Websley Wood, Durweston ; Kingston Lacy, near the Lodge ; Wingreen (very dwarfed form) ; grassy-banks above Turnworth House ; Spettisbury ; Cravet's Plantation, Whatcombe.
Hants, Somerset, Wilts, Normandy.
852. **C. ensifolia, Rich.** *Long-leaved Helleborine.*
First record, Mansel-Pleydell, 1891.
Native ; woods ; rare. P. May—June.
F. Plantation, Creech Hill, near Cranborne, *Dr. T. Wake Smart.*
Hants, Wilts, Normandy.

ORCHIS, Linn.

853. **O. mascula, Linn.** *Early Purple Orchis.* (*Soldiers Jackets, Dors.*) Science Gossip, 1882.
First record, Bell Salter, 1830.
Native ; woods, copses, meadows, thickets ; common. P. April—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
854. **O. ustulata, Linn.** *Dwarf Orchis.*
First record, Pulteney, 1799.
Native ; downs and pastures, principally on the chalk ; rare. P. May—June.
C. Banks of a corn-field on the east side of Lulworth, *J. Woods* ; heath near East Stoke, *E. Fox.*
D. Waste ground, south of the Industrial School.
F. Nutford field ; Langton Farm, near Blandford, *Pulteney* ; Hod Hill, *E. Binfield* ; grassy lauchets, Farnham, luxuriant ; Ashmore Down.

- G. Cliffs, Old Harry, Studland.
Devon, Hants, Somerset, Wilts, Normandy.

855. *O. pyramidalis*, Linn. *Pyramidal Orchis*.

First record, Pulteney, 1799.

Native ; downs, hedgebanks, thickets, on chalk and limestone ; frequent. P. May—July.

- A. Loders, *J. Jones* ; Little Bredy, *A. E. Eaton* ; Hook Park Common, *Mrs. Reid* ; Poorstock ; Eggardon Hill.
B. Hedgebanks, Yeovil and Dorchester road, near Ryme, *W. M. Rogers* ; Bradford Abbas, *D. Stephens*.
C. Cliffs, Portland, between Bow and Arrow Castle and Cave's Hole, *W. B. Barrett* ; Lulworth, *W. M. Rogers* ; chalk-quarry above Abbotsbury.
E. Woolland, *W. M. Rogers* ; Norden Wood under Bulbarrow.
F. Hod Hill, *Pulteney* ; Spettisbury, *E. K. Chambers* ; hedgebanks between Durweston and Shillingstone ; Tollard Royal ; rough ground, west side of Clenston Wood ; Bulbarrow ; Ibberton Park Wood ; High Hall Wood.
G. Waste land above Dancing Ledge ; abundant in pastures between Langton Matravers and Tilly Whim, Swanage ; Seacombe ; Ulwell, near Swanage ; Gadcliff ; Kimmeridge Bay ; cliffs, Durlleston Bay ; Punfield ; Ballard Down.
Devon, Hants, Somerset, Wilts, Normandy.

856. *O. Morio*, Linn. *Green-winged Meadow Orchis*.

First record, Pulteney, 1813.

Native ; meadows and pastures ; common. P. April—June.

- A. Field west of the Castle, Abbotsbury ; slope of downs toward Ashley, *W. Whitwell* ; Poorstock Common ; meadows, Bridport ; Melbury Wood.
B. Bradford Abbas, *Prof. Buckman*.
C. Pastures near Smallmouth Sands ; meadow near the cemetery, Weymouth ; Lynch ; West Knighton, *W. B. Barrett* ; meadows, Dorchester.
D. Chamberlayne's, Bere Regis ; Morden Park.
E. Longburton, *F. W. Galpin* ; Woolland, *W. M. Rogers* ; Dedmore Common.
F. Between Nutford and France Farm, near Blandford ; under Stickland Wood ; between Charlton and Littleton, *Pulteney* ; Winterborne Whitechurch ; Kingston ; Longthorns ; Charlbury ; meadows, Manaton ; Verwood.
G. Bradle Down ; Tynham ; Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

857. *O. latifolia*, Linn. *Broad-leaved Marsh Orchis*.

First record, Pulteney, 1813.

Native; wet meadows, bogs; not common. P. June.

- A. Meadows, Puncnkoll; boggy meadows, Ashley; between Bridport and the Harbour.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Pastures between Abbotsbury Castle and the Swannery; meadows on the west side of Weymouth Backwater.
- D. Boggy meadows, Morden.
- E. Melcombe Park Wood.
- F. Meadows, Spettisbury.
- G. Pastures between Worth and Seacombe, *W. Borrer*; pastures, Kimmeridge; East Creech. Devon, Hants, Somerset, Wilts, Normandy.

858. *O. incarnata*, Linn. *Marsh Orchis*.

First record, Mansel-Pleydell, 1874.

Native; damp meadows, bogs; common in the heath districts
P. May—June.

- B. Meadows below Thornford, *F. W. Galpin*.
- C. Boggy ground near Lulworth Castle Park Lake.
- D. Morden Park; Morden Mill; Chamberlayne's; Spring Copse, Turnerspuddle; * meadows, Cewleaze, Bere Regis.
- F. Meadows, Shapwick, *W. M. Rogers*; Kinson Valley, near Parkstone, *H. Fisher*; meadows, Manaton, Holt.
- G. Cliffs, Punfield, Swanage Bay; boggy ground, Winspit, West Creech.

Var. *β. angustifolia*, *Bab.*

- G. Punfield, Swanage Bay. Devon, Hants, Somerset, Wilts, Normandy.

859. *O. maculata*, Linn. *Spotted Palmate Orchis*.

First record, Bell Salter, 1830.

Native; woods, heaths, pastures; common. P. April—June.

* The Cewleaze plant (District D) with flesh-coloured flowers is in all probability the *O. incarnata* of Linnæus, referred to by Mr. F. Townsend in his "Flora of Hampshire," Appendix J., p. 504. There are 14 varieties of this plant figured, and described by Reichenbach in the thirteenth and fourteenth volumes of *Icones Floræ Germanicæ et Helveticæ*, six of which are under the subdivision *incarnata* and *versè* eight under *sublatifolia*; of these *incarnata* and *foliosa* are the most usual forms met with in this county.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

HABENARIA, R. Br. (*Gymnadenia, et Platanthera.*)

860. **H. conopsea, R. Br.** *Fragrant Orchis.*

First record, Pulteney, 1799.

Native; downs, chalky pastures, and borders of fields; not common. P. May—June.

- A. Little Bredy, *A. E. Eaton*; Poorstock Common, *E. Fox*; Bingham, between Pymore and Waytown, *Mrs. Reid*; Eggardon Hill; Hook Park.
 - B. Lenthay Common, Sherborne, *D. Stephens*; hedge-banks, Lillington, *F. W. Galpin*.
 - C. Buckland Ripers, *Mrs. M. Frampton*; Dorchester Amphitheatre; grassy slopes, Holworth Cliff.
 - D. Bingham's Melcombe, *C. W. Bingham*; Kington Magna, *W. Herridge*.
 - E. Prince's Wood, Middlemarsh.
 - F. Grassy banks, Nutford Field, near Blandford, *Pulteney*; Whatcombe Down; rough ground, north of Oatclose, Clenston Wood; meadow, above Manaton Wood, Holt; Down adjoining Eastbury Park; launchets, in cultivated fields west of Ashmore; Abbots Court, Winterborne Kingston; Verwood.
 - G. Creech Barrow, *G. S. Gibson*; heath, between Corfe Castle and Redcliff, *H. Fisher*; Studland Heath, and boggy places near Little Sea; grassy places, Wareham Heath.
- Devon, Hants, Somerset, Wilts, Normandy.

861. **H. chloroleuca, Ridley.** *Great Butterfly Orchis.*

First record, Pulteney, 1799.

Native; woods, pastures, grassy banks; frequent. P. June—August.

- A. Upper lane from Chilcombe to Puncknoll, *J. Trahearne*; Honeycombe Wood; Lillington, *F. W. Galpin*; copse, Bettiscombe.
- B. Melbury Park; Ryme, *W. M. Rogers*.
- C. Woods, near Abbotsbury, *W. Whitwell*; Rampisham, *D. Stephens*.
- E. Lane between Bere-marsh and Sturminster Newton, *J. Trahearne*; Harpits, Buckhorn Weston, *W. Herridge*; Woolland; by Bailey Ridge, *W. M. Rogers*; Donclyffe; Princes Wood, Middlemarsh; Stoke Wake Wood; Lydlinch Common.

- F. Broadley Wood, *J. Trahearne* ; Badbury¹ Rings, *R. P. Murray* ;
Clenston Wood ; Houghton Wood ; Cravet's Plantation,
Whatcombe.
- G. Langton Matravers Wood, *W. M. Rogers* ; Creech Grange
Wood ; Tyneham Wood ; Rempstone Wood.
Devon, Hants, Somerset, Wilts, Normandy.
862. **H. bifolia**, *R. Br.* **Orchis bifolia**, *R. Br.*, *Bab.* *Lesser
Butterfly Orchis.*
First record, Pulteney, 1799.
Native ; boggy pastures and heaths ; not common. P.
June—September.
- D. Chamberlayne's and Rye Hill ; Bere Regis ; boggy ground,
East Morden.
- F. Woodcutts, *Hon. Mrs. Oldfield* ; boggy places, Alderholt
Heath.
- G. Boggy ground, east of Creech Grange ; Wych ; Wareham
Heath ; Arne ; near Little Sea, Studland.
Devon, Hants, Somerset, Wilts, Normandy.
863. **H. viridis**, *R. Br.* *Frog Orchis.*
First record, Pulteney, 1799.
Native ; pastures ; rare. P. June—July.
- A. Pastures, near Poorstock, *E. Fox* ; Hook Park Common, *Mrs.
Reid* ; rough pastures between Ashley and Puncknoll
Wood ; Monckton Wylde ; banks of an affluent of the Axe,
Wadbrook ; base of Eggardon Hill, west side.
- B. Melbury Osmond, *W. M. Rogers* ; Lenthay Common, Sher-
borne, *D. Stephens.*
- C. Ramparts of Maiden Castle, Dorchester.
- E. Glanville's Wootton, *W. Dale.*
- F. Nutford Field, Blandford, *Pulteney* ; Ashmore Down ; Tollard
Royal Down.
- G. Langton Matravers, *Lester Lester.*
Devon, Hants, Somerset, Wilts, Normandy.

MALAXIS, *Swartz.*

864. **M. paludosa**, *Swartz.* *Bog Orchis.*
First record, Mansel-Pleydell, 1874.
Native ; spongy bogs ; rare. P. July.
- A. Champeney Marsh, Lyme Regis, *Miss Lister.*
- D. In a bog west of Morden Decoy.
- F. In a bog near the third milestone on the Poole and Ringwood
main-road, *W. M. Rogers.*

- G. Spongy bog on Studland Heath, west side of Little Sea ; bog by the side of the Wareham and Corfe main-road near the Half-way House.
Devon, Hants, Normandy.

HERMINIUM, *R. Br.*

865. **H. Monorchis**, *R. Br. Musk Orchis.*
First record, Pulteney, 1813.
Native ; chalky and limestone pastures ; very rare. P. June—July.
- A. Loders Common, *J. Jones.*
B. Batcombe Hill, *T. O. Marshall.*
F. Pastures between Rushmore and Ashmore.
Somerset, Wilts, Normandy.

OPHRYS, *Linn.*

866. **O. arachnites**, *Reichard. Late Spider Orchis.*
First record, Mansel-Pleydell, 1891.
Native ; chalk-banks, downs ; very rare. P. June—July.
- D. Chalk-banks, Bere Regis, *O. P. Cambridge.*
Normandy.
867. **O. apifera**, *Huds. Bee Orchis.*
First record, Pulteney, 1799.
Native ; downs and pastures on calcareous soil ; frequent. P. June—July.
- A. Near Bridport, *T. Trahearne* ; meadows, opposite Traveller's Rest, Lyme Regis, *F. T. Richard* ; quarries, Bothenhampton ; pastures, Ashley and Luke ; grassy cliffs, Charmouth ; Eggardon Hill ; Hook Park.
- B. Ryme ; rough pastures, south of Brier's Wood and on Melbury Road ; Chetnole, *W. M. Rogers* ; Honeycombe Wood ; Lillington, *F. W. Galpin* ; Bradford Abbas, *Prof. Buckman* ; Sherborne Park ; Melbury Park.
- C. Copse, near Radipole ; cliff, north-east of Bow and Arrow Castle, *W. B. Barrett* ; on the roadside, west-end of Abbotsbury, *Dr. Hawkins* ; abundant on the chalk-range between Arish Mill and West Lulworth ; Holworth cliffs.
- E. Glanville's Wootton, *J. C. Dale* ; Harpits, Buckhorn Weston, *W. Galpin* ; Holwell, *Prof. Buckman.*
- F. Hod Hill ; Hambleton Hill ; Traveller's Rest, Nutford Field, Blandford, *Pulteney* ; Smople's Down, Rushmore, *Hon. Mrs. Oldfield* ; rough ground, Ashmore ; Stickland Down ; Houghton Park Wood ; Badbury Rings.

- G. Quenchfield, Langton Matravers, *J. H. Austen*; Kingston Hill, above Encombe; Gadcliff; Creech Grange Hill; Seacombe and Winspit; Durlleston Bay; roadside south of Puddle Mill, Church Knowle; abundant in the neighbourhood of Swanage; pastures between Tilly Whim and the Lighthouse; quarries, Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.
868. *O. aranifera*, *Huds. Early Spider Orchis*.
First record, Flora of Dorset, 1874.
Native; limestone pastures; very rare. P. April—May.
- Var. *β. fucifera*, *Sm.*
G. Down above Dancing Ledge, *R. P. Murray*; Down between Worth Matravers and Winspit.
Hants, Wilts, Normandy.
869. *O. muscifera*, *Huds. Fly Orchis*.
First record, Pulteney, 1799.
Native; downs, borders of fields and woods on a calcareous soil; rare. P. May—June.
- A. Plantation above Lyme Regis on the Charmouth road.
B. Bubb Down, Melbury, *Earl of Ilchester*.
D. Chalk-hill ascending from Bingham's Melcombe to Hilton, *C. W. Bingham*.
F. Borders of the Chase near Woodyates, *Pulteney*; Tollard Park Wood, *J. H. Austen*; Creech Hill Plantation, *Dr. T. Wake Smart*; Ranston, *R. P. Murray*; Bryanstone, *E. K. Chambers*; Milton Abbey Wood, near St. Catharine's; Langton Copse; Langton Lodge; Houghton Park Wood, east side.
Hants, Somerset, Wilts, Normandy.

IRIDEÆ, *Br.*IRIS, *Linn.*

870. *I. foetidissima*, *Linn. Fetid Iris*.
First record, Turner, 1568.
In Turner's Herbal there is mention of "a little fleur de lis wild in Dorsetshire."
Native; woods, thickets, hedge banks, rough ground; locally common. P. June.
- A. Puncknoll; Lyme Regis; Eype; Symondsburys; abundant between Burton Bradstock and Swyre; Bettiscombe.
B. Bradford Abbas, *Prof. Buckman*; Leigh; near Dorchester, *W. M. Rogers*; Hook Park Common; Honeycombe.

- C. Abundant between Lulworth and Osmington, *Ridley* and *Fawcett*; hedge banks by Sandsfoot road, and Buxton lane, near Weymouth, *W. B. Barrett*; abundant on roadsides, Abbotsbury, *W. Whitwell*; Upwey, north-west of railway station.
- D. Bere wood; Wareham, near the railway station.
- E. Glanville's Wootton, *J. C. Dale*.
- F. Blandford, *E. Forster, jun.*; Charlton; Langton; Crichel; Clenston Wood; Humber lane, Whitechurch; Hod Hill Wood; Shillingstone Allers; Ashley Wood; Rushton Copse; Milton Abbas Woods.
- G. Kimmeridge; Encombe; Tynham Wood; hill above Eggleston; roadside between East Lulworth and Whiteway Hill; abundant about Swanage; Corfe Castle; Godlingstone. Devon, Hants, Somerset, Wilts, Normandy.

Var. *β. citrina*, *Syme*. *Yellow-flowered Fetid Iris*.

First record, *J. Woods*, 1848.

- G. Just below Nine Barrow Down (Godlingston?) *J. Woods*; quarries, Swanage and Langton Matravers; hedge banks between Swanage and Ulwell, upper road; Creech Grange Wood. Devon, Hants, Somerset, Wilts, Normandy.

871. **I. Pseudoacorus**, *Linn.* *Yellow Water Iris*. (*Levers or Livers, the leaves, Lever or liver-leaves, Dors. Gloss.*)

First record, *Bell Salter*, 1830.

Native; marshes, sides of ponds and rivers, ditches; common.

P. May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

GLADIOLUS, *Linn.*

872. **G. illyricus**, *Koch.* *Lesser Gladiolus*.

First record, *Mansel-Pleydell*, 1874.

Native; open woods, heathy pastures among *Pteris aquilina*; very rare. P. July.

F. Near Ensbury, *J. H. Austen*.

Found by the late Mr. Austen near a newly broken up piece of land, where was much growing on the sides of a hedge-bank adjoining a newly broken up piece of heath-land, amongst bracken, under the same conditions as those of the New Forest plant. I have a specimen of the Dorsetshire plant, and it is in all probability a true native.

Hants, Normandy.

AMARYLLIDÆ, *Br.*NARCISSUS, *Linn.*873. [*N. biflorus*, *Curt.* *Two Pale-flowered Narcissus.*

First record, Pulteney, 1799.

Alien; meadows and orchards; rare. P. April—May.

- A. Baunton (Bothenhampton) orchard, near Bridport, *J. Jones*; Monkton Wylde, *Lester Lester*; Symondsburly, *E. Fox*; pastures, Wootton Fitzpaine.
- B. Orchard on the Osborne-road, Sherborne, *F. W. Galpin.*
- C. Buckland, near Weymouth, *Mrs. M. Frampton.*
- F. Charlton Marshall meadow, near the Stour, *E. K. Chambers.*
- G. Meadows, West Creech; Studland.
Devon, Hants, Wilts, Normandy.]

874. *N. Pseudo-narcissus*, *Linn.* *Common Daffodil. Lent-Lily.* (*Daffidowdilly, Dors.*)

First record, Pulteney, 1799.

Native; woods, meadows, pastures, banks; not common. P. April—June.

- A. Meadows and waste places, Poorstock; Netherbury, *E. Fox*; orchards, Puncknoll; Wootton Fitzpaine; field between Eype church and Vearse.
- B. Leigh, *W. M. Rogers*; Melbury Park.
- C. Fields, near the cemetery, Weymouth, *F. W. Galpin.*
- D. In closes between Morden and Lytchett, *Pulteney.*
- E. Glanville's Wootton, *J. C. Dale*; Childe Okeford, *W. Herridge.*
- F. Meadows of the Stour, Corfe Mullen, *Pulteney*; meadows, Alderholt; Chetterwood; Clenston Wood.
Devon, Hants, Somerset, Wilts, Normandy.

GALANTHUS, *Linn.*875. [*Galanthus nivalis*, *Linn.* *Common Snowdrop.*

First record, Bell Salter, 1830.

Alien; pastures, orchards, woods, banks of streams; rare. P. February.

- A. Banks of streams, Poorstock, *E. Fox.*
- B. Hedges, Westbury; Sherborne; Corton Wood, *F. W. Galpin.*
- C. Mount Pleasant, Dorchester, *F. W. Galpin.*
- E. Glanville's Wootton, going from Newlands to Woolland, *J. C. Dale*; banks of river between the Nag's Head, Mappowder, and Buckland Newton, *M. G. Stuart.*

- F. Winterborne Zelstone, near Huish, *Miss Pike*; damp wood between Crichel Lake and Witchampton. Devon, Hants, Somerset, Wilts, Normandy.]

LEUCOJUM, *Linn.*

876. *L. æstivum*, *Linn.* *Summer Snowflake.*
First record, Pulteney, 1813.
Denizen; wet meadows and ditches; rare. P. April—June.
- F. Meadows leading from Badbury Down to Wimborne, plentifully, *E. Binfield*; Fox Island; river Stour, between Blandford and Spettisbury, *F. W. Galpin*; Dairy Copse, High Wood, *Lester Lester*; Crawford, *C. Torkington*; banks of the Stour, between Charlton and Spettisbury, *E. K. Chambers*; watercourses in meadows opposite the East Lodge, Kingston Lacy.
Devon, Wilts, Normandy.
877. *L. vernum*, *Linn.* *Spring Snowflake.*
First record, Mansel-Pleydell, 1866.
Denizen? damp hedge banks and thickets; very rare. P. February—March.
- A. Wootton Fitzpaine. See *Journal of Botany*, 1866.
Wilts? Its nearest recorded station on the other side of the Channel is in the Department of Côté d'Or.

LILIACEÆ, *D.C.*

TULIPA, *Linn.*

878. *T. sylvestris*, *Linn.* *Wild Tulip.*
First record, Pulteney, 1799.
Denizen? woods, orchards, pastures; rare. P. April.
- B. Melbury Park, *W. M. Rogers*; The Drove, Leigh, *Miss Isabella Thompson*.
- E. Melbury; Shaftesbury, *Pulteney*, who says of it "Some years ago it grew in the hollow-way near the church at Melbury. The roots (bulbs) were more than one foot deep in the earth; these plants answered exactly in the hairiness at the base of the stamens;" Buckhorn Weston, *H. D'Aeth*.
- F. Shillingstone, between the river and the Rectory, *E. Dayman*; Shapwick, *E. K. Chambers*.
- G. Grove, Smedmore.
Devon, Hants, Somerset, Wilts, Normandy.

FRITILLARIA, *Linn.***879. F. Meleagris**, *Linn.* *Common Fritillary.*

First record, Pulteney, 1799.

Native ; damp meadows ; rare. P. April.

B. Water meadow, Chetnole, *W. M. Rogers.*

E. Dr. Pulteney says of this plant "I have been informed on what I considered good authority that this plant grows in a wood between Fiddleford and Sturminster Newton (*Piddle Wood*)," common mead fields and elsewhere near Gillingham! *Bell Salter* ; moist meadows, Pulham, *Journ. of Botany*, 1879, p. 342.

Devon, Hants, Somerset, Wilts, Normandy.

ALLIUM, *Linn.***880. A. Ampeloprasum**, *Linn.* *Wild Leek.*

First record, Boswell Syme, 1869.

Alien ; hedge banks and cultivated land ; very rare. P. July.

Var. *a.* *Babingtonii* (Borr).

A. Near Little Bredy, *Boswell Syme* ; West Bexington, near Abbotsbury, growing plentifully on the hedge banks and borders of the fields near the shore of the Fleet.

881. A. oleraceum, *Linn.* *Streaked Field Garlic.*

First record, Mansel-Pleydell, 1874.

Native ; grassy places, borders of fields, and cultivated ground ; very rare. P. July—August.

C. Fallow field near the cross-roads between Radipole and Nottingham, *J. W. White.*

G. Grassy places, Gadcliff.

Devon, Hants, Somerset, Normandy.

882. A. vineale, *Linn.* *Crow Garlic.*

First record, Pulteney, 1813.

Native ; dry hedge banks, borders of fields ; frequent. P. June—July.

Var. *a.* *compactum*, *Thuill.*

A. Walditch ; Bradpole ; Netherbury, *E. Fox* ; cliffs, Lyme Regis.

B. Bradford Abbas, *Prof. Buckman.*

C. Abbotsbury, grassy launchets near the Castle ; Smallmouth Sands, cliff near the second stream ; corn-fields, Portland ; banks of Weymouth Backwater ; north end of Fleet ; sand-banks Poole Harbour, near *The Hive.*

- E. Glanvilles Wootton, *J. C. Dale* ; Ibberton.
 F. Shapwick, *W. M. Rogers* ; hedges near Bailey Gate ; hedges between the Industrial School and the main road ; ditches between Sturminster Marshall and the road ; hedgebanks behind the farmhouse, Higher Whatcombe, leading to the Down.
 G. Corfe Castle, *W. M. Rogers* ; meadows between Creech Grange and Povington ; borders of fields, Eastington, Worth Matravers ; Studland cliffs near the Preventive Station ; pastures above Dancing Ledge, Langton Matravers ; Swanage. Devon, Hants, Somerset, Wilts, Normandy.

883. **A. ursinum**, *Linn. Ramsons. (Ramesan in Anglo-Saxon was the Buckthorn. Dors. Gloss.)*

First record, Aubrey, 1696.

Native ; hedge banks, woods, copses, and damp pastures ; frequent. P. April—June.

- A. Lyme Regis, cliffs near the Cobb, *W. B. Barrett* ; Charmouth, *Ridley* and *Fawcett* ; Loders ; Poorton.
 B. Chetnole, *W. M. Rogers* ; river Yeo, below Babylon Hill, *F. W. Galpin* ; Clifton Maybank, *D. Stephens*.
 C. Evershot and Rampisham, very abundant by Melbury Park, Evershot side, *W. M. Rogers* ; land leading from West Stafford to West Knighton, *W. B. Barrett*.
 D. Bloxworth.
 E. Woolland, *W. M. Rogers* ; Ibberton ; Fiddleford ; Melcombe Park ; Plumber, Fifehead Neville ; Stoke Wake.
 F. Eastbury ; Park Wood, Houghton ; thickets adjoining the road from Bulbarrow to Milton Abbey.
 G. Tyneham Wood ; Studland, on grassy places of the cliffs, *Ridley* and *Fawcett* ; Grange Wood ; Creech Wood ; banks of stream below Wilkes Wood, Langton Matravers. Devon, Hants, Somerset, Wilts, Normandy.

GAGEA, *Salisb.*

884. **G. fascicularis**, *Salisb. Yellow Star of Bethlehem.*

First record, Mansel-Pleydell, 1874.

Native ; bushy places, woods, &c. ; very rare. P. April.

- F. Hedge bank on the roadside between Hilton and Ansty, *Miss St. John*.
 Somerset, Wilts, Normandy.

ORNITHOGALUM, (*Linn.*).

885. **O. umbellatum**, *Linn. Common Star of Bethlehem.*

First record, Bell Salter, 1830.

- Denizen ; meadows, pastures, and orchards ; rare. P. April
—May.
- F. In a hedge at Seldown, *Bell Salter*.
- G. Swanage meadows, *Ridley* and *Fawcett* ; river banks, Redcliff,
Wareham ; hedgebanks between Stoborough and Holme
Priory.
- Devon, Hants, Somerset, Wilts, Normandy.

SCILLA.

886. **S. nutans**, *Sm.* *Blue-bell, Wood Hyacinth.* (*Greygle*,
Dors. A.S., graeg, grey. "Graegle or greygle, means what
is grey (greyish) blue" *Dors. Gloss.*)
First record, *Bell Salter*, 1830.
- Native ; woods, hedge banks, damp pastures and meadows ;
common. P. April, May.
- Generally distributed.
- Devon, Hants, Somerset, Wilts, Normandy.

MUSCARI, *Tournef.*

887. [**M. racemosum**, *Mill.* *Starch Hyacinth.*
First record, *Mansel-Pleydell*, 1891.
- Denizen ; dry sandy places ; rare. P. June.
- C. Portland, on the east side, near the raised beach.
Wilts, Normandy.]

SIMETHIS, *Kunth.*

- First record, *Woods*, 1848.
888. **S. bicolor**, *Kunth.* *Variiegated Simethis.*
First record, *J. Woods*, 1848.
- Denizen ? heathy ground, very rare. P. June.
- E. Near Bournemouth, among firs, *Miss Charlotte Wilson*.
Normandy.

NARTHECIUM, *Huds.*

889. **N. ossifragum**, *Huds.* *Bog Asphodel.*
First record, *Pulteney*, 1799.
- Native ; spongy and peaty bogs and heaths, common through-
out the heath district of the county ; uncommon elsewhere.
P. June—August.
- A. Bog, Gorwell (*Greensand*).
- C. Lewell Heath ; Moreton Heath.
- D. Chamberlayne's and Shitterton Heaths ; Bere Regis ; Blox-
worth Heath ; Morden Heath.

- F. Poole and Canford Heaths, between Wimborne and Ringwood, *Pulteney*; Spettisbury (alluvial), *E. K. Chambers*; cliffs, near Lilliput Farm, Parkstone, *W. B. Barrett*; Poole and Hamworthy Junction, *W. M. Rogers*; West Moors; Verwood.
- G. Between Wareham and Corfe Castle; Studland heath; Arne. Devon, Hants, Somerset, Wilts, Normandy.

ASPARAGUS, *Linn.*

890. **A. officinalis**, *Linn. Asparagus.*
First record, Ray, 1690.
Native; sand-banks and sandy places on the sea coasts; very rare. P. July.
- Var. *β. prostratus*, *Dum.*
- C. Isle of Portland, *Ray Syn. (Huds.)*; near the ferry, and the extremity of the island! *Turner.*
- F. On the sands and marshes of Poole Harbour; especially on the North Haven sand-banks, *Pulteney.*
Devon, Normandy.

RUSCUS, *Linn.*

891. **R. aculeatus**, *Linn. Common Butcher's Broom.*
First record, *Pulteney*, 1799.
Native; woods, copses, hedge banks, borders of fields; frequent.
Shrub. April.
- A. Bridehead Plantation.
- C. West Lulworth, *W. M. Rogers*; roadside near Broadwey, *G. S. Gibson*; Bradpole, *Miss Payne*; wood, east of Woolbridge.
- D. Morden and Morden Decoy; copses, hedge banks, and sides of the river, Chamberlayne's; lane between Bestwall Farm and Wareham.
- F. Winterborne Kingston; Tollard Royal, Rushmore; Almer, *Pulteney*; Sutton Holms, *W. M. Rogers*; Oakhill, Crichel; copse near Badbury Rings; High Hall; Kinson; banks between the Dorchester main road and Muston Down.
- G. Studland, *Bell Salter*; between Corfe Castle and Swanage, *W. M. Rogers*; Smedmore Grove; Little Kimmeridge; Whiteway Wood; Steeple; Langton Matravers; Dancing Ledge; Punfield, near Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

CONVALLARIA, Linn.

892. [**C. majalis, Linn.** *Lily of the Valley.*
 First record, Pulteney, 1799.
 Denizen ; woods ; rare. P. May.
 F. Cliff, Blandford, *F. W. Galpin.*
 G. In the woods of Grange, Purbeck, and in several others,
Pulteney.
 Hants, Somerset, Wilts, Normandy.

POLYGONATUM, Tournef (Mch).

893. **P. multiflorum, All.** *Common Solomon's Seal.*
 First record, Pulteney, 1799.
 Native ; wood ; rare. P. May, June.
 F. Chace, *J. C. Dale.*
 Devon, Hants, Somerset, Wilts, Normandy.

PARIS, Linn.

894. **P. quadrifolia, Linn.** *Herb Paris.*
 First record, Pulteney, 1799.
 Native ; woods and shady places ; not common. P. April—
 June.
 A. Hook Park ; Poorstock.
 B. Inwood Wood ; Honeycombe Wood.
 C. Spring Pond, near Evershot, *E. Symons.*
 E. High Stoy, *Miss M. Davis* ; Buckhorn Weston, *W. Galpin* ;
 Harpits, *W. Herridge* ; plantation south of Woolland
 House ; Armswell Wood ; Stoke Wake Wood, abundant.
 F. Woods, Turnworth ; Morgan's and Broadley Woods, *Pulteney* ;
 copse under Nettlecombe Tout, Melcombe, *C. W. Bingham* ;
 Durweston Wood ; Chace Woods, Farnham ; under
 beech trees, in a wood on the west side of Milton Abbey ;
 Milton Park Wood, between the Keeper's House and Hill
 House.
 Hants, Somerset, Wilts, Normandy.

DIOSCOREÆ, Br.**TAMUS, Linn.**

895. **T. communis, Linn.** *Black Bryony.*
 First record, Pulteney, 1799.
 Native ; hedges, bushy and open woods ; common. P.
 May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

COLCHICACEÆ, D.C.

COLCHICUM, Linn.

896. *C. autumnale*, Linn. *Meadow Saffron.*

First record, Pulteney, 1799.

Native; damp meadows, woods; not common. P.
August—September.

- A. In a damp meadow, a mile from Charmouth, on the north side, *Miss Blanche Allen.*
- B. Stafford, near Ryme, *W. M. Rogers*; Thornford, Sherborne, *F. W. Galpin*; Clifton Maybank, *D. Stephens*; Melbury Park.
- E. Glanville's Wootton, *J. C. Dale*; Stourton Caundle, *Mrs. Mary Frampton.*
- F. Plentifully in Blandford St. Mary meadows, on the east side of Mill Ditch, and in many other places in the meadows marked by the course of the Stour, *Pulteney*; Spettisbury meadows, *E. K. Chambers*; Clenston Wood, several places; thickets by the pathway between Breech and Dunbury, Houghton.
- G. Meadow, south of Creech Grange House, Rempstone.
Devon, Hants, Somerset, Wilts, Normandy.

HYDROCHARIDEÆ, D.C.

HYDROCHARIS, Linn.

897. *H. Morsus-ranæ*, Linn. *Frog-bit.*

First record, Pulteney, 1799.

Native; ditches and ponds; very rare. P. July.

- F. In ditches communicating with the Stour, *Pulteney.*
- E. Watery places near Wareham, *Pulteney*; ditches, East Stoke, *E. Fox.*
Devon, Hants, Somerset, Normandy.

ANACHARIS, Rich.

898. [*A. Alsinastrum*, Bab. *Water Thyme.*

First record, Mansel-Pleydell, 1874.

- A. Alien; streams, ponds, lakes; common. P. June—Sept.
- B. Sherborne Castle Lake.

- C. Maiden Newton, *W. M. Rogers*; river Frome, Dorchester; water courses, Moreton heath.
 D. River, Chamberlayne's; pond, Roke Farm, Bere Regis.
 F. Stour, West Parley; river, Shroton.
 This was first noticed by C. C. Babington in 1848 (*An. Nat. Hist.*, 2nd Ser. 1, p. 81). It is now less invasive and spreading, and appears to be on the decline.
 Devon, Hants, Somerset, Wilts.]

ALISMACEÆ, *Rich.*

ALISMA, *Linn.*

899. **A. Plantago**, *Linn.* *Greater Water Plantain.*
 First record, Bell Salter, 1830.
 Native; in still water, ditches, and ponds; common. P.
 June—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
900. **A. ranunculoides**, *Linn.* *Lesser Water Plantain.*
 First record, Pulteney, 1799.
 Native; ditches and shallow pools; frequent. P. August—October.
 A. Poorstock Common; Hook Park Common, *E. Fox*; wet heathy ground near Puncknoll Wood.
 B. Leigh; Totnel Common, *W. M. Rogers*.
 C. Wool Heath; Moreton Heath; East Stoke.
 D. Morden; Chamberlayne's, Bere Regis; Burleston.
 E. Holwell, *H. H. Wood*.
 F. Moor's River near St. Leonard's Bridge.
 G. Stoborough Meadows, *Pulteney*.
 Devon, Hants, Somerset, Wilts, Normandy.

SAGITTARIA, *Linn.*

901. **S. sagittifolia**, *Linn.* *Common Arrow-head.*
 First record, Pulteney, 1813.
 Native; rivers, pools, ditches; frequent. P. July—September.
 B. Stream, Bradford Abbas, *W. M. Rogers*; river Yeo, Westbury, Sherborne, *F. W. Galpin*.
 C. River Frome, East Stoke.
 D. Boggy ditches, Chamberlayne's, Bere Regis.
 E. River Stour, Sturminster Newton.

- F. River Stour, Charlton, *E. K. Chambers*; Moor's river, St. Leonard's Bridge; boggy pools, Verwood; Longham.
 G. Pools, Wareham Heath; Studland Heath; ditches, Stoborough meadows, near Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.

BUTOMACEÆ, *Rich (Lindl.)*

BUTOMUS, *Linn.*

902. **B. umbellatus**, *Linn.* *Flowering Rush.*
 First record, Pulteney, 1799.
 Native; ditches, ponds, and sides of rivers; rare. P. June—August.
 C. Ditches at Norris Mills, near Dorchester, *Pulteney*; near the Backwater, Weymouth, *H. Groves*; near Chickereil, *T. H. White*.
 E. River banks, between Lydlinch and Bagbere; river Stour, King's Mill; banks of the Lidden near the railway bridge.
 F. Stagnant parts of the Stour; Whitcliffe and Durweston, *Pulteney*; Sturminster Marshall.
 G. Water-courses, Stoborough meadows; banks of river, Holme Priory.
 Devon, Hants, Somerset, Wilts, Normandy.

NAIADEÆ, *Link.*

TRIGLOCHIN, *Linn.*

903. **T. maritimum**, *Linn.* *Seaside Arrowgrass.*
 First record, Bell Salter, 1830.
 Native; salt-marshes, meadows, mud-flats; locally frequent;
 P. May—October.
 A. Bridport, banks of river near the Harbour.
 C. Chesil Bank, between Fleet and Langton Herring, *W. B. Barrett*; Lodmoor; salt-marshes near the Gashouse, Weymouth; mouth of the Wey, Radipole; the Swannery, Abbotsbury.
 F. Near Hamworthy Junction, *W. M. Rogers*; abundant on the borders of Poole Harbour.
 G. Wych; salt-marshes, below Wareham.
 Devon, Hants, Somerset, Normandy.
904. **T. palustre**, *Linn.* *Marsh Arrowgrass.*
 First record, Pulteney, 1799.

- Native ; wet meadows, marshes, heathy bogs ; frequent
P. June—August.
- A. Bexington, boggy ground near the beach ; bog between
Ashley and Puncknoll Woods ; cliff, Bridport Harbour.
- C. Wet meadows near the school, Evershot, *W. M. Rogers* ; wet
parts of the cliff by Redcliff Head, Weymouth, *W. B.
Barrett* ; Lodmoor ; Portisham.
- D. Wet moors between Chalk Pit Farm and Bere Regis ;
Shitterton moor ; Roke moor.
- F. Leigh Common, Wimborne, *W. M. Rogers*.
- G. Stoborough meadows ; Creech Grange Heath ; Gadcliff ; boggy
places, Little Sea, Studland ; cliffs, Tilly Whim ; Dancing
Ledge, Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

ZOSTERA, *Linn.*

905. **Z. marina**, *Linn.* *Common Grasswack.*
First record, Pulteney, 1799.
Native ; sandy and muddy shores, mouth of rivers, rarely in
brackish water ; common. P. August—September.
Generally distributed.
Devon, Hants, Somerset, Normandy.
906. **Z. nana**, *Roth.* *Dwarf Grasswack.*
First record, H. C. Watson, 1878.
On the shores of sandy and muddy creeks ; rare. P.
August—September.
- G. Poole Harbour, *W. Borrer* ; near Little Sea, *H. J. Mennell*.
Hants, Normandy.

ZANNICHELLIA, *Linn.*

907. **Z. palustris**, *Koch.* *Common Horned Pondweed.*
First record, Pulteney, 1799.
Native ; ditches, pools, lakes ; frequent. May—July.
- C. Ditches, Chesil Bank, Abbotsbury.
- E. Holwell, *H. H. Wood*.
- F. Ditches, in communication with the river Stour, *Pulteney* ;
pond, Normandy, near Broadley Wood ; Stour, Canford.
- G. Swanage, pond near the church ; Ulwell ; pond under Swyre
Head, Kimmeridge ; pond, near Holme Priory ; Wareham
river near Redcliff.
- Var. **a. pedicellata**, *Fries*.
- C. Abbotsbury, ditches near the Swannery ; Weymouth.
Devon, Hants, Somerset, Wilts, Normandy.

POTAMOGETON, Linn.**908. P. densus, Linn. Close-leaved Pondweed.**

First record, Mansel-Pleydell, 1874.

Native; streams, ponds, ditches; common. P. June—July.

A. River Axe, Wadbrook; Lyme Regis.

B. Sherborne Park Lake.

C. River Frome, Frampton; West Lulworth, *W. M. Rogers*; in ponds between Weymouth and Chickerell; river Wey, Radipole; Broadway; Upwey, *W. B. Barrett*; ditches, Lodmoor; pond, Fleet.

D. River, Chamberlayne's; river, Sherford bridge; stream below the Roman camp, Milborne St. Andrew; Roke pond, Bere Regis.

F. The Stour, at Shapwick, *W. M. Rogers*; Houghton Pond; river Allen between High Hall, and Wimborne.G. Corfe river, *W. M. Rogers*; river Frome, Dorchester. Devon, Hants, Somerset, Wilts, Normandy.**909. P. pectinatus, Linn. Fennel-leaved Pondweed.**

First record, Pulteney, 1799.

Native; rivers, ponds, ditches; not common. P. July.

A. Sherborne Park Lake.

C. River Frome, Woolbridge.

D. River, Sherford bridge; Druce, near Puddletown; Morden Park Lake.

E. The Stour, between Marnhull and Fifehead Magdalen; Sturminster Newton.

F. The Stour, Blandford; Sturminster Marshall; West Parley.

Var. a scoparius, Wallr. P. marinum, Huds.

First record, Pulteney, 1799.

Native; ponds, lakes, and ditches, brackish water near the sea; frequent in suitable places. P. July.

C. Lodmoor, near Weymouth.

G. Corfe river, Wych; Little Sea and the neighbouring ponds, abundant; Bestwall, Wareham; river between Wareham and below Redcliff; Middle Bere, Poole estuary.

Devon, Hants, Somerset, Wilts, Normandy.

910. P. flabellatus, Bab. Fan-like Pondweed.

First record, Mansel-Pleydell, 1874.

Native; streams and rivers; rare. P. July.

D. Morden Park Lake.

F. The Stour, Sturminster Marshall; West Parley. Hants, Somerset, Wilts, Normandy.

911. *P. pusillus*, Linn. *Small Pondweed.*

First record, Pulteney, 1874.

Native; rivers, ponds, and lakes; frequent. P. June—August.

B. Sherborne Castle Lake.

D. Sherford bridge; water-courses between Wareham and the railway station; Morden Park Lake.

E. The Stour, Fiddleford.

F. Moor's river near St. Leonard's bridge; Stour, Wimborne.

G. Watercourse between Middle Bere clay-wharf and Redcliff, Wareham; water courses, Holme Priory; Dancing Ledge, Langton Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

912. *P. heterophyllus*, Schreb; *P. gramineum*, Linn.
Various-leaved Pondweed.

First record, Pulteney, 1799.

Native; slow streams, ponds, and lakes; rare. P. June—September.

F. In the river Stour and ditches communicating with it, Pulteney.

Devon? Hants, Wilts, Normandy.

913. *P. acutifolius*, Linn. *Sharp-leaved Pondweed.*

First record, Mansel-Pleydell, 1874.

Native; ditches and ponds; rare. P. June—July.

D. Water course between Wareham and the railway station. Normandy.

914. *P. crispus*, Linn. *Curled Pondweed.*

First record, Bell Salter, 1830.

Native; ponds, ditches, slow streams; frequent. P. July—August.

A. Pond east of East Cliff, Burton Bradstock, Ridley and Fawcett; river Bredy, Puncknoll; river between Bridport and the Harbour.

B. Lake, Melbury Park; river Yeo, Sherborne, F. W. Galpin; Sherborne Castle lake.

C. River Frome, Maiden Newton.

D. Ditches, Bestwall, Wareham; river, Chamberlayne's.

E. Stream between Lydlinch and Bagbere.

F. Steepleton Lake; ditches communicating with the Allen between High Hall and Wimborne; river Allen, Witchampton.

G. River Frome, Wareham.

- Var. *s. serratus*, *Huds.*, similar in its distribution and probably the young state of the above.
Devon, Hants, Somerset, Wilts, Normandy.
915. *P. rufescens*, *Schrad.* *Reddish Pondweed.*
First record, Mansel-Pleydell, 1890.
Native ; ditches, ponds, slow streams ; rare. P. July.
D. Water courses between Wareham and the railway station.
Devon, Hants, Somerset, Wilts, Normandy.
916. *P. perfoliatus*, *Linn.* *Perfoliate Pondweed.*
First record, Bell Salter, 1830.
Native ; ditches, rivers, lakes ; frequent. P. July—August.
A. River Bredy, Puncknoll ; river Axe, Wadbrook.
C. River Frome, Woolbridge.
D. River Piddle, Wareham.
E. The Stour, Sturminster Newton.
F. The Stour, Shapwick, *W. M. Rogers* ; Wimborne ; West Parley ; Longham ; river Allen, Crichel.
G. Stoborough meadows, Wareham ; river Frome, East Stoke.
Devon, Hants, Somerset, Wilts, Normandy.
917. *P. lucens*, *Linn.* *Great Pondweed.*
First record, Bell Salter, 1830.
Native ; rivers, slow streams, ponds ; common. P. June—July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
918. *P. decipiens*, *Nolte.*
First record, Mansel-Pleydell, 1891.
Native ; slow streams and ponds ; rare. P. June—August.
F. The Stour, Sturminster Marshall.
Somerset, Normandy.
919. *P. natans*, *Linn.* *Floating Pondweed.*
First record, Bell Salter, 1830.
Native ; rivers, ponds, ditches ; common. P. May—July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
920. *P. polygonifolius*, *Pourr.* *Oblong-leaved Pondweed.*
First record, Mansel-Pleydell, 1874.
Native ; ditches in boggy ground, heath pits, and streams. P. June—August.

Generally distributed throughout the heath districts; rare elsewhere in the county.

Devon, Hants, Somerset, Wilts, Normandy.

RUPPIA, *Linn.*

921. **R. spiralis**, *Hartm.* *Greater Tassel Grass.*

First record, Pulteney, 1799.

Native; brackish pools and ditches; frequent in suitable places. P. July—August.

C. Lodmoor.

F. Plentiful in the water-courses and boggy-pits adjoining the Poole estuary; Parkstone.

G. Little Sea, Studland; from the mouth of the Wareham river to Wych.

Devon, Hants, Somerset, Normandy.

922. **R. rostellata**, *Koch.* *Smaller Tassel Grass.*

First record, Mansel-Pleydell, 1874.

Similar habits to the above; common in suitable places. July—August.

C. Ditches, Lodmoor.

F. Salt-marsh, Parkstone.

G. Near Little Sea with *Zostera nana*, *H. J. Mennell*; ditches, between Little Sea and South Haven.

Devon, Hants, Normandy.

LEMNACEÆ (*Dmrt.*).

LEMNA, *Linn.*

923. **L. minor**, *Linn.* *Lesser Duckweed.*

First record, Bell Salter, 1830.

Native; ponds, stagnant pools; common. P. May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy

924. **L. gibba**, *Linn.* *Gibbous Duckweed.*

First record, Bell Salter, 1830.

Native; ditches and ponds; rare. P. May—June.

Bell Salter gives no locality.

Devon, Hants, Somerset, Wilts, Normandy.

925. **L. polyrrhiza**, *Linn.* *Greater Duckweed.*

First record, Bell Salter, 1834.

- Native ; clear stagnant pools and ditches ; rare. P. Flowers have not been noticed in England.
- G. Water courses, Stoborough meadow, Wareham.
Devon, Hants, Somerset, Wilts, Normandy.
926. *L. trisulca*, *Linn. Ivy-leaved Duckweed.*
First record, Pulteney, 1813.
Native ; ponds and ditches ; not common, locally abundant.
P. June.
- B. Sherborne Castle Lake.
D. Morden Park Lake.
- F. Ditches in the meadows between Spettisbury and Charlton,
E. Binfield ; in the Stour about Shapwick, *R. P. Murray* ;
water courses, Sturminster Marshall, east side of the village.
- G. Watercourses, Stoborough meadows ; Wareham.
Devon, Hants, Somerset, Wilts, Normandy.

AROIDEÆ, *Juss.*

ARUM, *Linn.*

927. *A. maculatum*, *Linn. Common Cuckoo-Pint. Cows and Calves, Dors., I. of Portland.*
First record, Bell Salter, 1830.
Native ; woods, thickets, hedges ; common. P. April—
May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
928. *A. italicum*, *Linn. Italian Cuckoo-Pint.*
First record, Ridley and Fawcett, 1882.
Native ; woods, thickets, among bushes ; rare. P. June—
July.
- G. Among bushes near Tilly Whim, *Ridley and Fawcett* ; in
thickets under walls, east of Dancing Ledge, Langton
Matravers
Devon, Normandy.

ACORUS, *Linn.*

929. *A. Calamus*, *Linn. Sweet Flag.*
First record, Pulteney, 1799.
Alien ; in shallow water, by the sides of ponds, streams, and
lakes ; rare. June—August.
- B. Sherborne Park Lake, 1892.

- E. In the river Stour in two or three places between Blandford and Sturminster Newton, *Pulteney*; *Pulteney* adds—"I have heard that it grows also in the river Frome."
Devon, Hants, Somerset, Normandy.

TYPHACEÆ.

SPARGANIUM, *Linn.*

930. **S. affine**, *Schn.* **S. natans**, *Linn.* *Floating Bur-reed.*
First record, *Pulteney*, 1799.

Native; ditches and small pools; very rare. P. August.

- G. Clay-pit, Corfe Castle heath, *Pulteney*, 1799.
Hants, Somerset, Normandy.

931. **S. simplex**, *Huds.* *Unbranched Bur-reed.*

First record, Bell Salter, 1830.

Native; ditches and shallow streams; common. P. July.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

932. **S. ramosum**, *Curtis.* *Branched Bur-reed.*

First record, Bell Salter, 1830.

Native; rivers, ditches, lakes; common. P. June—July.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

933. **S. neglectum**, *Beeby.*

First record, Mansel-Pleydell, 1891.

Native; rivers, ditches, lakes; rare? P. June—July.

- C. River Frome, Dorchester.

- D. River Piddle, Chamberlayne's; water courses between Wareham and the railway station.

- F. Verwood Station, *R. P. Murray*; West Moors.
Wilts.

TYPHA, *Linn.*

934. **T. latifolia**, *Linn.* *Common Cat's-tail.*

First record, Bell Salter, 1830.

Native; rivers, pools, and ditches; frequent. P. June—July.

- B. Melbury Park.

- C. Silver Lake, Sherborne, *F. W. Galpin*; ditches on north side of Chaffey's Lake, Radipole, *W. B. Barrett*; Lodmoor; river Frome between Wool and Wareham; Moreton Lake.

- D. Morden Park Lake and Decoy ; river, Chamberlayne's.
 F. Crichel Lake ; river Stour, Durweston ; Sturminster Marshall ; Moor's river, near St. Leonard's Bridge ; near Hamworthy Junction.
 G. Watercourses, Stoborough meadow, near Wareham ; Arne ; river Frome, Wareham ; near the Swanage and Wareham railway bridge.
 Devon, Hants, Somerset, Wilts, Normandy.
935. *T. angustifolia*, Linn. *Narrow-leaved Cat's-tail*.
 First record, Pulteney, 1799.
 Native ; ditches and pools ; rare. P. June—July.
 C. Duddle, near Dorchester, *F. W. Galpin* ; river Frome, between East Stoke and Wareham.
 D. Banks of river Piddle between Keyworth and Wareham.
 E. In ditches in communication with the Stour, near Sturminster Newton, *Pulteney* ; Gig Lane, Buckhorn Weston, *W. Galpin*.
 G. Clay-pits, Creech ; banks of the Wareham river, left bank opposite Redcliff.
 Devon, Hants, Somerset, Wilts, Normandy.

JUNCACEÆ (*Bartl.*) *Fr.*

JUNCUS, Linn.

936. *J. effusus*, Linn. *Soft Rush*.
 First record, Bell Salter, 1830.
 Native ; wet places ; common. P. July—August.
 Pith continuous, sheaths shining, capsule obtuse.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
937. *J. conglomeratus*, Linn. *Common Rush*.
 First record, Bell Salter, 1830.
 Native ; marshes, damp places ; common. P. June—July.
 Pith continuous, sheaths dull, capsule mucronate.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
938. *J. glaucus*, *Ehrh.* *Hard Rush*.
 First record, Bell Salter, 1830.
 Native ; wet places, roadsides, pastures ; common ; less so than the two preceding. P. June—July.

Pith interrupted, sheaths shining, capsule elliptic, narrowed at both ends.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

939. *J. diffusus*, Hoppe. *Diffuse Rush*.

First record, Mansel-Pleydell, 1874.

Native; similar in habits to the above; rare. P. June—August.

Pith interrupted, sheaths dull, capsule obtuse mucronate.

Thought to be a hybrid between *J. glaucus* and *J. effusus*.

This is improbable, as the pith of one is continuous, and the other interrupted. The late Mr. H. C. Watson considered it to be a sterile form *J. effusus*, in which he is, I think, probably right.

C. Warmwell Heath, near Weymouth, *W. B. Barrett*.

F. Shapwick, *E. F. Linton*.

G. Pastures, Kimmeridge; Little Sea, Studland.

Devon, Hants, Somerset, Wilts, Normandy.

940. *J. maritimus*, Sm. *Lesser Sea Rush*.

First record, Pulteney, 1799.

Native; salt-marshes, muddy shores; common. P. July—August.

C. Radipole; Backwater, Weymouth.

F. Hamworthy; Poole Harbour; all along the shore of the estuary.

G. Abundant between South Haven and Little Sea; Wych; Arne.

Devon, Hants, Somerset, Normandy.

941. *J. acutiflorus*, Ehrh. *Sharp-flowered Rush*.

First record, Bell Salter, 1830.

Native; ditches, wet meadows, and boggy heaths; common.

P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

942. *J. obtusiflorus*, Ehrh. *Blunt-flowered Rush*.

First record, Bell Salter, 1830.

Native; ditches, wet places, and bogs; rare. P. June—July.

D. Meadows, Morden Park; Rokemoor, Bere Regis; river-side, Chamberlayne's; watercourses between Wareham and the railway station; Keyworth.

F. Hamworthy Junction.

G. Stoborough meadows, Wareham ; Arne ; Gore heath.
Devon, Hants, Somerset, Wilts, Normandy.

943. *J. lamprocarpus*, Ehrh. *Shining-jointed Rush*.

First record Bell Salter, 1830.

Native ; wet places, margins of pools, sea-cliffs ; frequent, less so in the heath districts of the county. P. June—July.

A. Cliffs, Lyme Regis ; water carriers, West Bexington.

C. Lulworth Cove ; Weymouth Backwater ; meadows, West-bridge.

D. Brick-yard, Rye Hill, Bere Regis ; Gore heath ; damp meadows, Morden Park ; Roke moor, between Bere Regis and Milborne St. Andrew.

E. Ibberton ; Fifehead Neville.

F. Rough ground, north of St. Leonard's Bridge ; near Hamworthy Junction ; Chalbury ; allotments, Winterborne Kingston.

G. Morden clay-pits and adjoining heath ; boggy ground under Whiteway Hill, south side of the main road ; wet places between Tilly Whim and Dancing Ledge, Langton Matravers ; bogs, Studland heath ; South Haven ; Punfield cliffs.

Devon, Hants, Somerset, Wilts, Normandy.

944. [*J. compressus*, Jacq. *Round-fruited Rush*.

First record, Mansel-Pleydell, 1874.

Native ; wet pastures ; very rare. P. June—July.

Dr. Bell Salter seems to have mistaken this plant for *J. Gerardi*. In his list of "Poole plants and its neighbourhood," he states it to be very common, which is the case with *J. Gerardi*. It is an inland plant, and never grows near brackish water.

Devon, Hants, Somerset, Normandy.

945. *J. Gerardi*, Lois. *Mud Rush*.

First record, Mansel-Pleydell, 1874.

Native ; salt-marshes, sea-side wastes ; common. P. June—September.

A. Salt-marsh, West Bexington, near Abbotsbury ; river side between Bridport and the Harbour ; Swannery, Abbotsbury.

C. Ham ; Lodmoor, Weymouth ; Backwater, Weymouth.

F. Abundant on the shores of Poole Harbour.

G. South Haven ; Little Sea, Studland.

Devon, Hants, Somerset, Normandy.

946. **J. supinus**, *Mærch. Lesser-jointed Rush.*
 First record, Bell-Salter, 1830.
 Native ; bogs and wet heaths ; water carriers, pools ; common.
 P. June—August.
- Var. *β. subverticillatus (Wolf).*
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
947. **J. bufonius**, *Linn. Toad Rush.*
 First record, Bell Salter, 1830.
 Native ; wet ground where water has stood ; by waysides ;
 common. P. July—August.
 Generally distributed.
- Var. *β. fasciculatus, Koch.*
 C. Warmwell Heath.
 D. Near the Brick-kiln, Black Hill, Bere Regis.
 Devon, Hants, Somerset, Wilts, Normandy.
948. **J. squarrosus**, *Linn. Heath Rush. Moor Rush.*
 First record, Pulteney, 1799.
 Native ; wet heaths ; confined principally to the heath
 districts of the county, where it is frequent. P. June—
 July.
- C. Moreton Heath.
 D. Bloxworth heath ; Morden heath ; Chamberlayne's heath.
 F. Near Hamworthy Junction ; Poole Junction, *W. M. Rogers* ;
 Canford Heath ; Verwood.
 G. Arne, *W. M. Rogers* ; Wareham Heath ; Grange Heath ;
 Studland Heath ; Povington Heaths.
 Devon, Hants, Somerset, Wilts, Normandy.
- LUZULA, D.C.**
949. **L. Forsteri**, *D.C. Narrow-leaved Hairy Woodrush.*
 First record, Bell Salter, 1830.
 Native ; woods, thickets, and hedge-banks ; rare. P. April
 —May.
- E. Piddle Wood, near Sturminster Newton.
 Mr. Salter gives no locality for this plant, but notifies it as rare.
 Devon, Hants, Somerset, Wilts, Normandy.
950. **L. pilosa**, *Willd. Broad-leaved Hairy Wood Rush.*
 First record, Pulteney, 1813.
 Native ; woods and thickets ; common, P. April—May.

- A. Between Wootton Fitzpaine and Monckton Wylde, *Ridley* and *Fawcett*; Puncknoll Wood.
- B. Stockwood common, Chetnole, *W. M. Rogers*.
- C. Ailwell, *W. M. Rogers*; Yellowham Wood.
- D. Ilsington Wood; Chamberlayne's copse, Bere Regis.
- E. Piddle Wood, near Sturminster Newton; Bagber lane; Melcombe Park Common and woods; Dedmore; Lydlinch common.
- F. Parkstone, *W. M. Rogers*; Henbury Wood; Lytchett Wood; Charborough; Weston's Wood, Whatcombe; Clenston Wood; Houghton Wood; Holt, near Wimborne Park; Milton Park Wood, near Hill House.
- G. Creech Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.
951. *L. campestris*, Willd. *Field Wood Rush*.
First record, Bell Salter, 1830.
Native; dry fields and pastures, commons; common. P. March—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
952. *L. multiflora*, Lej. *Many-headed Wood Rush*.
First record, Bell-Salter, 1830.
Native; heaths, thickets, open woods; frequent. P. May—June.
- B. Chetnole, Ryme, *W. M. Rogers*.
- C. Ailwell; Yellowham Wood, *W. M. Rogers*; Moreton Heath.
- D. Chamberlayne's Heath; Bere Regis; Ilsington Wood; Morden Heath.
- E. Grange Wood, Middlemarsh; Piddle Wood, Sturminster Newton; Melcombe Park Wood.
- F. Branksome, Bournemouth; Canford Heath; Leigh Common, Wimborne; Parkstone, *W. M. Rogers*; Holt; Horton; Verwood, Uddens.
- G. Langton Matravers Wood, *W. M. Rogers*; Grange Heath; Studland Heath; Arne.
- Var. *β. congesta*, Koch. The more general form.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
953. *L. maxima*, DC. *Great Wood Rush*.
First record Pulteney, 1799.
Native; woods; not very common. P. April—June.

- A. Stonebarrow Down, Lyme Regis, *Ridley and Fawcett*
 C. Yellowham Wood.
 D. Ilsington Wood ; Chamberlayne's copse ; Gray's Wood ;
 Turner's Piddle.
 E. Piddle Wood, Sturminster Newton.
 F. Lytchett Wood, *Bell Salter* ; Houghton Wood ; Park Wood,
 Houghton ; Delcombe Wood ; south-west side of Milton
 Park Wood, opposite the Cliff Wood, Whatcombe.
 G. Creech Grange, heathy ground on the north side of the
 mansion.
 Devon, Hants, Somerset, Wilts, Normandy.

CYPERACEÆ.

CYPERUS, *Linn.*954. *C. longus*, *Linn.* *Sweet Galingale.*

First record, Ray, 1690.

Native ; marshes and wet meadows ; very rare. P. July—
 September.

D. "Alton Pancras, not far from Mr. Arnold's House," from an
 old MS. note in Mr. F. Stratton's copy of Parkinson's
Theatrum Botanicum.

E. Holwell, *H. H. Wood*.

G. Ulwell near Swanage, *Hussey* ; "Found by Mr. Newton in
 the Isle of Purbeck, Dorsetshire, near a chapel (St. Alban's
 Head ?), that looks toward Portland Isle." *J. Ray*, The
 marshy spots which abound at the base of the upper beds of
 Kimmeridge clay at St. Alban's Head. Mr. Pulteney says
 of it : "It does not appear that the *Cyperus longus* has been
 found in Purbeck, as mentioned in *Ray's Synopsis* although
 diligent enquiry after it has not been wanting. The late
Sir Henry Parkes, Bart., who lived for some time in
 Purbeck, assured me he had diligently and repeatedly
 sought for it in vain."

Hants, Wilts, Normandy.

ELEOCHARIS, *Br.*955. *E. acicularis*, *Sm.* *Slender Club Rush.*

First record Pulteney, 1799.

Native ; margins of pools and lakes ; rare. P. July—
 August.

Boggy pools on the heaths, with *Scirpus fluitans*, but not
 common, *Pulteney*.

- G. Branksea Island, near Poole, Bell Salter, 1830.
[Devon ?] [Somerset ?] Normandy.
956. **E. palustris**, *R.-Br. Marsh Club Rush.*
First record Bell Salter, 1830.
Native; marshes, shallow pools, lakes, and watercourses;
common. P. June—July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
957. **E. uniglumis**, *Link. Link's Club Rush.*
First record, J. Woods, 1868.
Native; wet places, especially near the sea; rare. P.
June—July.
C. Boggy places near the East Lighthouse, Portland.
E. Little Sea, Studland.
Hants, Normandy.
958. **E. multicaulis**, *Sm. Many-Stemmed Club Rush.*
First record, Bell Salter, 1830.
Native; moist-turfy bogs and heaths; common. P.
June—July.
Generally distributed throughout the heath districts of the
county.
Devon, Hants, Somerset, Wilts, Normandy.
- SCIRPUS**, *Linn.*
959. **S. pauciflorus**, *Lightfoot. Chocolate-headed Club-Rush.*
First record, Bell Salter, 1830.
Native; wet boggy moors; rare. P. June—July.
D. Heath between Chamberlayne's bridge and Black Hill, Bere
Regis.
F. Leigh Common, Wimborne, *W. M. Rogers.*
Devon, Hants, Somerset, Normandy.
960. **S. cæspitosus**, *Linn. Scaly-stalked Club Rush.*
First record, Pulteney, 1799.
Native; dry turfey heaths; abundantly distributed throughout
the heath districts of the county.
Devon, Hants, Somerset, Wilts, Normandy.
961. **S. parvulus**, *Roem et Schultz. Lesser Club Rush.*
First record, Mansel-Pleydell, 1870. *Journ. Bot.* 1870,
p. 290.

Native ; sandy and muddy places near the sea to which the tides have occasional access ; very rare. P. July—September.

This plant was found for the first time in England at Lymington, Hants, in 1835, by the *Rev. G. F. Smith*, but was lost soon after, as the mud-flat on which it grew was built upon. It was recovered in 1870, when I fell in with it at Little Sea.

G. Shore of Little Sea, Studland ; abundant and no chance of being extirpated by greedy collectors.

Devon, Normandy.

962. *S. fluitans*, *Linn. Floating Club Rush.*

First record, Pulteney, 1813.

Native ; pools, ditches, water courses, slow streams ; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

963. *S. Savii*, *Seb. and Maur. Savi's Club Rush.*

First record, W. Hooker, 1855.

Native ; wet places, especially near the sea ; frequent. A. or B. July—August.

Var. *♂ pygmæus (Kunth).*

A. Monckton Wyld, *F. T. Richard* ; damp places on the cliffs east of Burton Bradstock Preventive Station.

B. Bradford Abbas, *F. W. Galpin.*

C. Portland, east-cliff, *Sir W. Hooker (Mrs. M. Frampton MS.)* ; west Under Cliff, *H. Groves.*

F. Salterns, Poole Harbour, *W. B. Barrett* ; North Haven ; damp places near the Hive ; Poole Harbour.

G. Springs in the cliffs, Studland, *W. Borrer* ; Punfield, Swanage, *J. Woods* ; muddy shore, Poole Harbour ; Arne ; Little Sea, Studland.

Devon, Hants, Somerset, Normandy.

964. *S. setaceus*, *Linn. Bristle-Stalked Club Rush.*

First record, Pulteney, 1799.

Native ; damp, sandy, and gravelly soils ; not common. P. July—August.

A. Eype, *Ridley and Fawcett.*

B. Bradford Abbas, *D. Stephens.*

D. Sandford Bridge, *Pulteney* ; Spring Garden Copse, Turner's Puddle ; damp sandy ground, Trigon Hill Lodge, on the

Bere and Wareham main-road ; between Chamberlayne's and Hyde House, right-hand side of the river.

- F. Wet sandy ditches on the roadside near West Moors Station ; Knighton Heath.
- G. Between Wareham and Corfe Castle, *Pulteney* ; roadside between Ulwell and Swanage, *Ridley* and *Fawcett* ; Barnston Wood Steeple ; wet places on the border of a field close to Steeple Leaze Farm.
- Devon, Hants, Somerset, Wilts, Normandy.

965. *S. lacustris*, *Linn.* *Common Bullrush.*

First record, Bell Salter, 1830.

Native ; lakes, ponds, and slow streams ; common. P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

966. *S. Tabernæmontani*, *Gmel.* *Glaucous or Lesser Bullrush.*

First record, Bell Salter, 1830.

Native ; mud-banks of tidal rivers, estuaries, brackish water courses ; frequent in favourable places. P. July—August.

- C. Seldown, Poole, *Bell Salter* ; Abbotsbury Swannery ; water-carriers, Lodmoor ; Portland, south end of the island near the east Lighthouse.
- F. Water carriers and muddy shores Poole Harbour, abundant.
- G. Banks of the river below Redcliff ; Wych ; Arne ; shore of Little Sea, Studland ; South Haven.
- Devon, Hants, Somerset, Wilts, Normandy.

967. *S. maritimus*, *Linn.* *Salt-marsh Club Rush.*

First record, Pulteney, 1799.

Native ; brackish pools and ditches, banks of rivers, muddy shores, occasionally ascending the river a considerable distance inland ; common on muddy shores. P. July—August.

- A. Mouth of the river Char, Charmouth, *Ridley* and *Fawcett* ; brackish ditches, West Bexington, adjoining the Fleet ; banks of the river Brit, Bridport Harbour.
- B. Abundant on the marshy tract of land from the Burton Bradstock Preventive Station to Swyre boundary.
- E. River Cale, Kington Magna, *W. Galpin* ; banks of Stour, King's Mill, Marnhull.
- F. River Stour, near Durweston, *Pulteney* ; Shapwick ; near Hamworthy Junction ; salt-marsh, Parkstone, *W. M. Rogers* ; Stour, opposite Bryanstone House ; abundant on the muddy shore of Poole Harbour ; *Lytchett Estuary*.

G. Wych ; Arne ; South Haven ; Little Sea, Studland.

Var. *β. compactus*, *Reich*, equally abundant as the above.
Devon, Hants, Somerset, Wilts, Normandy.

968. *S. sylvaticus*, *Linn.* *Wood Club-Rush.*

First record, Pulteney, 1799.

Native ; damp places, especially by the sides of ditches and streams ; rare. P. June—July.

A. Banks of the river near Bridport, *Jefford* ; Charmouth, *J. T. Richard* ; hedges near the railway station, Bridport, *Mrs. Reid* ; banks of the Axe, Wadbrook.

B. Bradford Abbas, *D. Stephens*.

C. Rampisham, *D. Stephens*.

E. Holwell, *H. H. Wood*.

F. By the river Stour and many places near Blandford, *Pulteney* ; river-bank, opposite Bryanstone House ; below Sturminster Marshall.

Devon, Hants, Somerset, Wilts, Normandy.

BLYSMUS, *Pans in Schult.*

969. *B. compressus*, *Panz.* *Scirpus Caricis*, *Retz.* *Compressed Marsh-Rush.*

First record, Mansel-Pleydell, 1874.

Native ; marshy pastures and by the sides of streams ; rare.
P. July.

D. Wet pasture, Roke Farm, Bere Regis.

G. Bogs, Studland Heath, *H. J. Mennell* ; Wareham Heath, between Slape and Corfe Castle, *H. Fisher*.

Devon, Hants, Somerset, Wilts, Normandy.

RHYNOSPORA, *Vahl.*

970. *R. alba*, *Vahl.* *White Beak-Sedge.*

First record, Pulteney, 1799.

Native ; spongy and turfy bogs ; common in all suitable situations. P. July—September.

A. Monckton Wyld, *F. T. Richard* ; Chardstock.

C. Moreton Heath ; bogs about Oaker's Wood ; bog between Gallow's Hill and Wool.

D. Chamberlayne's Heath ; boggy ground, Turner's Puddle.

F. Canford and Poole Heaths, *Pulteney* ; heaths, west of Broadstone Junction, *W. M. Rogers* ; Ensbury Heath ; West Parley Heath ; Verwood Heath ; boggy places near St. Leonard's Bridge.

- G. Arne, *W. M. Rogers*; common in the bogs of Wareham Heath; Creech; Studland Heath.
Devon, Hants, Somerset, Wilts, Normandy.
971. *R. fusca*, *Roem and Schultz*. *Brown Beak-Sedge*.
First record, Sir J. E. Smith, 1823.
Native; turfy bogs; locally abundant, may be successfully looked for in the heath districts of the county. P. June—September.
- C. Winfrith, *J. Woods*; Moreton Heath; bog between Gallow's Hill and Wool.
- D. Boggy ground, several places in the neighbourhood of Mr. Radclyffe's Lodge, on the Wareham and Bere main-road; heaths around Morden Decoy; Black Hill, Bere Regis, south side.
- F. Heath, west of Broadstone Junction Railway, *W. M. Rogers*; turfy bogs between Uddens and Verwood; Alderholt Heath.
- G. Originally gathered "near the Isle of Purbeck, Dorsetshire, by the Rev. J. Lightfoot," *Sir J. E. Smith*; on Wareham Heath; Holme Heath; bog, Wych; Arne Heath.
Hants, Somerset, Normandy.

SCHÆNUS, *Linn.*

972. *S. nigricans*, *Linn.* *Black Schœnus, Bog Rush*.
First record, Pulteney, 1799.
Native; turf and peat-bogs; frequent in the heath districts of the county. P. June—August.
- A. Monckton Wyld, *F. T. Richard*; Poorstock Common, *E. Fox*.
- C. Moreton Heath; bogs about Oaker's Wood.
- D. Bogs, Affpuddle; Black Hill, Bere Regis; Chamberlayne's.
- F. Canford Heath, *Pulteney*; Parkstone, *J. Woods*; bog, Kinson.
- G. Wareham Heath, *Pulteney*; boggy ground between South Haven and Little Sea, abundant; Arne; Creech; Holme.
Devon, Hants, [Somerset?], Normandy.

CLADIUM, *R.-Br.*

973. *C. germanicum*, *Schrad.* *Twig Rush, Fen Sedge*.
First record, Pulteney, 1799.
Native; wet bogs; rare. P. July.
- A. Boggy ground, Hawkchurch Copse.

- C. At Weymouth by the Fleet in ditches communicating with the salt-water, *Pulteney*; Swannery, Abbotsbury.
 D. Morden mill-pond.
 Hants, Normandy.

ERIOPHORUM, *Linn.*

974. **E. angustifolium**, *Roth.* **E. polystachium**, *Linn.*
Common Cotton-grass.
 First record, *Pulteney*, 1799.
 Native; wet bogs; common. P. April—May.
 Generally distributed.
 Devon, Hants, Wilts, Normandy.

975. **E. latifolium**, *Hoppe.* *Rough-stalked Cotton-grass.*
 First record

- Native; boggy meadows; rare. April—May.
 D. Boggy ground, East Morden.
 G. Boggy meadow, Ulwell; cliffs, Punfield; Worth Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.
E. vaginatum grew within a few yards over the county-border near Bournemouth. The ground is now built over.

CAREX, *Linn.*

976. **C. dioica**, *Linn.* *Creeping Diacious Sedge.*
 First record, *Pulteney*, 1799.
 Native; bogs and wet heaths; rare. May—June.
 G. Bogs in Purbeck, *Pulteney*; Rempstone Heath, *R. P. Murray*;
 Agglestone bog, Studland.
 Hants, [Somerset], Normandy.
977. **C. pulicaris**, *Linn.* *Flea Sedge.*
 First record, *Pulteney*, 1799.
 Native; bogs; marshes, damp pastures; common. P. May—June.
 Common in the heath districts of the county, less so elsewhere.
 A. Bog at the base of Pillesdon Hill (Greensand); Gorwell.
 B. Ryme, *W. M. Rogers*.
 C. Evershot, *W. M. Rogers*; chalk-range, Bindon Hill, Lulworth (an unusually dry locality); Abbotsbury Weirs; Down, west of Fleet House.
 F. Leigh Common, Wimborne, *E. F. Linton*.
 Devon, Hants, Somerset, Wilts, Normandy.

978. *C. divisa*, *Huds.* *Bracted Marsh Sedge.*

First record, Bell Salter, 1830.

Native ; damp pastures, brackish marshes, near the sea ; rare.
P. May—June.

- A. Marshy pastures, West Bexington ; grassy places, seashore between Bridport and Eype ; pastures between Bridport and the Harbour (abundant) ; Burton Bradstock.
- C. Shore of Weymouth Backwater, north end.
Devon, Hants, Somerset, Normandy.

979. *C. disticha*, *Huds.* *C. intermedia*, *Good.* *Soft Brown Sedge.*

First record, Pulteney, 1799.

Native ; wet meadows, sides of ditches and rivers ; not common. P. May—June.

- C. Water meadows, Stinsford, *J. H. White.*
- D. Meadows, Chamberlayne's ; Morden Park ; meadows between Keyworth and the railway station, Wareham.
- E. Meadows, Hayward Bridge.
- F. Parkstone, *H. Roberts* ; Shapwick, *E. F. Linton* ; meadows, Stour Valley, Charlton Marshall ; Spettisbury.
- G. Meadows, Frome Valley ; near Holme Bridge ; between Arne and Stoborough.
Devon, Hants, Somerset, Wilts, Normandy.

980. *C. arenaria*, *Linn.* *Sea-Sedge.*

First record, Bell Salter, 1830.

Native ; usually on sandy sea-shores, occasionally some little distance inland ; common in suitable places. P. June.

- A. Charmouth, *F. T. Richard* ; Burton Bradstock.
- C. Sand-banks, Smallmouth Sands, and on the Portland side of the Ferry Bridge.
- F. Branksome Chine, *W. M. Rogers* ; Canford Heath ; three miles from the coast, *Trimen* ; sandy ground, North Haven.
- G. Arne, *W. M. Rogers* ; sand-banks, Studland ; South Haven.
Devon, Hants, Somerset, Normandy.

981. *C. teretiuscula*, *Good.* *Lesser Panicked Sedge.*

First record, Bell Salter, 1830.

Native ; marshes and boggy meadows ; rare. P. May—June.

- C. Near the shore at Seldown, Poole, *Bell Salter.*
- D. Boggy ground, East Morden.
Devon, Hants, Somerset, Wilts, Normandy.

982. *C. paniculata*, Linn. *Greater-panicled Sedge*.

First record, Pulteney, 1799.

Native; boggy woods, osier beds, river-banks; common. P. May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

983. *C. vulpina*, Linn. *Great Sedge*.

First record, Bell Salter, 1830.

Native; sides of ditches, wet woods; common. P. May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

984. *C. muricata*, Linn. *Greater Prickly Sedge*.

First record, Pulteney, 1799.

Native; hedgebanks, pastures; common. P. May—June.

A. Lyme Regis, *F. T. Richard*; roadside between Bridport and the Harbour; Beaminster.B. Yetminster; Ryne; Leigh, *W. M. Rogers*.C. Chickerell; Upwey; Evershot; Ailwell; Puddletown Heath, *W. M. Rogers*.D. Lane between Yellowham Wood and Puddletown, *W. M. Rogers*; Bere Wood.E. Bailey Ridge, *W. M. Rogers*.F. Shapwick, *W. M. Rogers*; Longthorns; Humber Lane, WhatcombeG. Swanage; Arne; Corfe Castle, *W. M. Rogers*; St. Alban's Head; Gadcliff; Smedmore; Barnston Wood, Steeple; hedges near Middle Bere Clay-wharf; Worth Matravers.Var. β . *pseudo-divulsa*, *Syme*.F. Hedgebanks, Spettisbury, *W. M. Rogers*.G. Base of Corfe Castle Hill, *W. M. Rogers*.

Devon, Hants, Somerset, Wilts, Normandy.

985. *C. divulsa*, Good. *Grey Sedge*.

First record, Pulteney, 1799.

Native; dry thickets, hedgebanks; common. P. May—June. Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

986. *C. echinata*, Murr. *C. stellulata*, Good. *Little Prickly Sedge*.

First record, Bell Salter, 1830.

Native ; bogs, damp woods ; abundant in the heath districts of the county. P. May—June.

- A. Lyme Regis, *F. T. Richard* ; base of Pillesdon Pen ; Hawkchurch Wood ; Hook Park ; bog between Ashley and Puncknoll ; Gorwell moor.
- C. Evershot, *W. M. Rogers*.
Devon, Hants, Somerset, Wilts, Normandy.

987. *C. remota*, *Linn. Remote-spiked Sedge*.

First record, Pulteney, 1799.

Native ; moist woods, hedgebanks ; frequent. P. May—June.

- A. Lyme Regis, *F. T. Richard* ; hedges, Wootton Fitzpaine ; Litton Cheney.
- B. Chetnole ; Ryme, *W. M. Rogers*.
- C. Evershot, *W. M. Rogers* ; wood, near Wool Bridge.
- D. Spring Garden Copse, Bryant's Puddle ; Alton Pancras ; The Grove, Bingham's Melcombe ; marsh, East Morden.
- E. Woolland Wood.
- F. Shapwick ; near Poole, *W. M. Rogers* ; Sturminster Marshall ; Stepleton Park ; Crichel Lake ; Alderholt ; hedgebanks, near Wimborne, on the Ringwood Road.
- G. Near Ulwell, Swanage, *W. M. Rogers* ; Barnston Wood ; Creech Grange Wood ; Horse Copse, Steeple.
Devon, Hants, Somerset, Wilts, Normandy.

988. *C. axillaris*, *Good. Axillary Sedge*.

First record, Mansel-Pleydell, 1891.

Native ; ditches, watery grassy places, usually on clay soil ; rare. P. June

Probably an hybrid between *C. remota* and *C. vulpina*, both of which grow abundantly in the neighbourhood of its Purbeck station.

- A. Lyme Regis, *F. T. Richard*.
- B. Leigh, *W. M. Rogers*.
- G. Ditches on the roadside between the railway station, Swanage, and Ulwell (persistent), *E. M. Holmes*.
Devon, Hants, Somerset, Wilts, Normandy.

989. *C. curta*, *Good. C. canescens*, *Linn. White Sedge*.

First record, Mansel-Pleydell, 1891.

Native ; great bogs and sides of ditches ; rare. P. June—July.

- F. Marsh on the roadside between Manaton Wood, Holt, and West Moors.
Devon (?), Normandy.

990. *C. ovalis*, *Good. Oval-spiked Sedge.*

First record, Pulteney, 1799.

Native ; pastures, woods, heaths ; frequent. P. June.

- A. Pillesdon Pen ; Hook Park ; Marshwood ; Gorwell moor.
 C. Evershot ; Ailwell, *W. M. Rogers* ; roadside between Oakers Wood and Waddock ; Rampisham ; among furze near Fleet House ; Langton Herring.
 D. Pastures, Morden ; Chamberlayne's Copse ; Bere Regis, on the Poole main-road.
 E. Meadow, King's Mill ; Donelyffe Wood ; Prince's Wood, Middlemarsh ; Piddle Wood, Sturminster Newton ; pastures under Stoke Hill.
 F. In marshy ground by the River Stour, *Pulteney* ; shore, Poole Harbour, *F. T. Richard* ; Leigh Common, Wimborne ; near Hamworthy Junction, *W. M. Rogers* ; Shapwick, *E. F. Linton* ; Manaton Wood, Holt ; Alderholt Heath ; Parkstone ; roadside near the third milestone between Poole and Ringwood.
 G. Stoborough ; Studland Heath ; roadside under Whiteway Hill ; Blackminston Copse, Steeple ; Povington Heath ; Wareham Heath ; Holme meadows.

Var. *β. bracteata*, *Syme.*

- A. Pastures between Bridport and Loders, *Dr. Jefford.*
 Devon, Hants, Somerset, Wilts, Normandy.

991. [*C. striata*, *Good. Tufted Sedge.*

First record, Bell Salter, 1830.

- Native ; banks of rivers, ditches, damp places ; rare. P.
 May—June.
 Bell Salter gives no locality.
 Normandy.]

992. *C. acuta*, *Linn. Slender-spiked Sedge.*

First record, Bell Salter, 1830.

- Native ; marshes, ditches, banks of rivers ; common. P.
 May—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

993. *C. Goodenowii*, *J. Gay. Carex vulgaris*, *Fries. Common Sedge.*

First record, Bell Salter, 1830.

- Native ; bogs, heaths, damp meadows and woods. P. May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

994. *C. glauca*, Linn. *Glaucous Heath-Sedge*.

First record, Bell Salter, 1830.

Native ; meadows, pastures, moors, waste places ; common.

P. May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

995. *C. limosa*, Linn. *Narrow-leaved Mud-Sedge*.

First record, Mansel-Pleydell, 1874.

Native ; wet peaty moors, spongy bogs ; rare. P. June—July.

D. Spongy bog between Morden Park and Decoy.

Hants, Normandy.

996. *C. humilis*, Leyss. *C. clandestina*, Good. *Dwarf Silvery-Sedge*.

First record, Mansel-Pleydell, 1874.

Native ; downs and dry hills ; rare. P. March—April.

F. Hod Hill, *W. W. Neubould* ; Blandford Race-course, *J. W. Green* ; embankments, Hod Hill and Hambledon Hill, south end ; rough ground, south of Chetterwood ; Long Crichel Horse Down ; rough ground, one mile south of Chettle House and the Down three-quarters-of-a-mile north, *E. F. Linton* ; Deveril Down, Milbourne St. Andrew.

Hants, Somerset, Wilts, Normandy.

997. *C. pilulifera*, Linn. *Round-headed Sedge*.

First record, Bell Salter, 1830.

Native ; heaths, pastures, and woods ; frequent. P. May—June.

A. The common on the east side of Puncknoll Wood ; Pillesdon Pen.

C. Blackdown, *W. M. Rogers*.

D. Cold Harbour, near Wareham ; heath, Black Hill, Bere Regis ; Tingleton Wood.

E. Bailey Ridge, *W. M. Rogers* ; Sturminster Common ; Holwell.

F. Canford Heath ; near Hamworthy Junction, *W. M. Rogers* ; Henbury Wood ; Whatcombe Common ; Verwood, near the railway station ; Ibberton Park Wood.

G. Studland Bay, *W. M. Rogers* ; North Hill, Steeple ; Wareham Heath (several places).

Devon, Hants, Somerset, Wilts, Normandy.

998. *C. præcox*, Jacq. *Vernal Sedge*.
 First record, Bell Salter, 1830.
 Native ; dry heaths and downs ; common. P. April.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
999. *C. pallescens*, Linn. *Pale Sedge*.
 First record, Pulteney, 1799.
 Native ; meadows, woods, and bushy places ; not common.
 P. May—June.
- A. Witherston, *E. Fox* ; Lyme Regis, *F. T. Richard* ; Hook Park ;
 Gorwell moor ; Ashley Wood ; Chardstock.
- C. Between Evershot and Rampisham, in a damp hollow, east of
 Beaminster road, *W. M. Rogers*.
- D. Chamberlayne's, Bere Regis ; meadows, Hyde, Bere Regis.
- E. Donclyffe Wood ; Princes Wood, Middlemarsh ; high ground
 west side of Melcombe Park ; Dedmore.
- F. Sutton Holms, *W. M. Rogers* ; Longthorns Wood ; Holt
 Wood ; Chetter Wood, Crichel ; Queen's Copse, Horton ;
 Weston's Wood, Whatcombe.
- G. Creech Grange Wood ; Arne.
 Devon, Hants, Somerset, Wilts, Normandy.
1000. *C. panicea*, Linn. *Pink-leaved Sedge*.
 First record, Bell Salter, 1830.
 Native ; wet pastures, heaths, bogs, turfy pastures ; common.
 P. May—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1001. *C. strigosa*, Huds. *Loose-spiked Wood-Sedge*.
 First record, Mansel-Pleydell, 1874.
 Native ; woods and thickets ; rare. P. April—June.
- A. Hook Park, near the stream on its west side.
 Hants, Somerset, Wilts, Normandy.
1002. *C. sylvatica*, Huds. *Pendulous Wood-Sedge*.
 First record, Bell Salter, 1830.
 Native ; woods, thickets, and bushy hedgebank ; common.
 P. April—May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1003. *C. pendula*, Huds. *Great Pendulous Sedge*.
 First record, Pulteney, 1799.

- Native ; moist woods and hedges ; frequent. May—June.
- A. Poorstock, *W. M. Rogers* ; Puncknoll Wood ; Gorwell Copse ; Hook Park ; hedges, West Bexington ; Abbotsbury ; banks of the Asker ; Witherston Wood ; Wadbrook ; banks of an affluent of the river Axe ; Marshwood.
- B. Ryme, *W. M. Rogers* ; Lillington, *D. Stephens* ; Melbury Park, abundant.
- C. Buckland Ripers, *Mrs. Mary Frampton* ; Abbotsbury, roadsides, hedgebanks, woods, Swannery ; roadside, Chickerell ; Rodden, Portesham.
- E. Buckhorn Weston, *W. Galpin* ; Short Wood ; Prince's Wood, Middlemarsh ; Hinton St. Mary.
- F. On the Stour between Blandford and Durweston, *Pulteney* ; Badbury Rings, Sturminster Marshall, *W. M. Rogers* ; Gain's Cross Copse, Durweston, Hanford ; Allers, Shillingstone.
- G. Encombe, *Pulteney* ; Langton Wood, and hedgebanks on the lower road to Corfe Castle ; Kimmeridge Copse. Devon, Hants, Somerset, Wilts, Normandy.
1004. *C. lævigata*, *Sm. Smooth-stalked Sedge.*
First record, Mansel-Pleydell, 1874.
Native ; marshes, boggy thickets and woods ; not common.
P. May—June.
- A. Hook Park Wood and Common ; Hawkchurch Wood ; Ashley Wood ; Gorwell moor.
- D. Spring Garden copse, Bryant's Puddle ; damp meadow on the east side of Chamberlayne's Bridge ; Filioles, Bere Regis.
- G. Marsh, near Creech ; wet ditches near Ulwell, south side ; Arne Wood.
Devon, Hants, Somerset, Wilts, Normandy.
1005. *C. binervis*, *Green-ribbed Sedge.*
First record, Bell Salter, 1830.
Native ; dry heaths, open woods ; frequent. P. May—June.
- A. Lyme Regis, *F. T. Richard* ; Gorwell Common ; bog at the foot of Pillesdon Hill ; heathy ground above Lyme Regis.
- B. Batcombe Heath.
- C. West Knighton Heath, *W. B. Barrett* ; Wool Wood ; Hethfelton Heath ; Moreton Heath.
- D. Chamberlayne's Heath ; Black Hill Heath ; Bere Regis ; Sherford Bridge ; Morden Heath ; field near the third milestone on the Wareham and Bere main-roads.

- F. Near Hamworthy Junction ; Verwood, *W. M. Rogers* ; upper Manaton Wood ; heath near West Moors Station ; Alderholt ; heaths, Talbot Village, Kinson.
- G. Wareham Heath ; Studland Heath ; Grange Heath ; sandy ground, Little Sea, Devon, Hants, Somerset, Wilts, Normandy.

1006. *C. distans*, *Linn.* *Distant-spiked Sedge.*

First record, Bell Salter, 1830.

Native ; marshy ground near the sea ; frequent. P. May—June.

- A. West Bexington, near the Fleet ; Gorwell moor.
- C. Lulworth Cove, *W. M. Rogers* ; Abbotsbury Swannery ; Langton Herring near the Fleet, east of Coastguard Station ; Radipole, marsh near the Backwater ; salt-marsh, Lodmoor.
- D. Marshy ground between Keysworth and Wareham.
- F. Near Hamworthy Junction, *W. M. Rogers*.
- G. Marshy places, cliffs between Tilly Whim and Dancing Ledge, Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

1007. *C. punctata*, *Gaud.* *Dotted-fruited Sedge.*

First record, Mansel-Pleydell, 1874.

Native ; damp sandy ground near the sea ; rare. P. June.
Journ. Bot., 1879.

- F. Parkstone, near the waterworks ; North Haven sand-hills, *W. Fisher* ; damp sandy ground, Hamworthy Junction.
- G. Near Little Sea.
Devon, Normandy.

1008. *C. fulva*, *Good.* *C. speirostachya*, *Sm.* *Tawny-Sedge.*

First record, Mansel-Pleydell, 1874.

Native ; boggy meadows ; rare. P. June—July.

Var. β . *Hornschuchiana* (*Hoppe*).

- A. Lyme Regis, *F. T. Richard* ; between Abbotsbury Weir and Ashley ; Chardstock Common ; marshy ground, West Bexington.
- D. West meadows, Chamberlayne's, near Cicely bridge.
Hants, Somerset, Wilts, Normandy.

1009. *C. extensa*, *Good.* *Long-bracteated Sedge.*

First record, Bell Salter, 1830.

Native ; marshy ground near the sea ; locally frequent. P. June.

- A. Bridport, river side between the town and the Harbour.
 C. Marsh near the Weymouth Backwater, north side ; wet sandy ground, Ferry Bridge, Portland.
 F. Near Hamworthy Junction ; between Poole and Parkstone, *W. M. Rogers*.
 G. Salt-marshes between South Haven and Little Sea ; salt-marsh, below Redcliff, Wareham ; marshy places, cliff, Round Down, near Swanage.
 Devon, Hants, Somerset, Normandy.

1010. *C. flava*, *Linn.* *Yellow Sedge.*

First record, Bell Salter, 1830.

Native ; marshy meadows, margins of bogs, banks of rivers ; common, in one or more of its numerous forms.

- Var. *β*. *minor*, *Towns*. Stands as *C. Œderi* in old lists, and for *C. lepidocarpa*, *Tausch*, from which it is distinguished by its long-stalked male-spikes, scabrous stems, and narrower leaves.

It will be seen from Mr. Arthur Bennett's paper in *Journ. Bot.*, 1889, pp. 330-335 that var. *minor*, *Towns*, and *C. Œderi*, *Ehrh.*, of *Lond. Cat.*, Ed. 8, are now held to be—the former “practically *Œderi*, *Ehrh.*, and the latter *C. flava*, var. *cyperoides*, *Marsson*.”

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1011. *C. Œderi*, *Ehrh.* *Œder's Sedge.*

First record, Bell Salter (?), 1830.

Native ; margins of lakes, marshy places ; rare. P. April—June.

- G. Studland Bay, *W. M. Rogers* ; near Wareham, *R. P. Murray* ; damp sandy places, between South Haven and Studland.
 Devon, Hants, Somerset, Normandy.

1012. *C. hirta*, *Linn.* *Hairy Sedge.*

First record, Pulteney, 1799.

Native ; wet meadows, woods, and watery places ; common.

P. May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1013. *C. vesicaria*, *Linn.* *Bladder Sedge.*

First record, Pulteney, 1799.

Native ; marshes, wet margins of pools, bogs ; not common.

P. May.

- D. Meadows, Roke Farm, Bere Regis; marshy places, Morden Park Lake; meadows between Wareham and the railway station.
- F. New Bridge, *Pulteney*; ditches near St. Leonard's Bridge, on the Wimborne and Ringwood main-road.
- G. Ditches, Holme Priory meadows.
Devon, Hants, [Somerset], Wilts, Normandy.
1014. **C. pseudo-cyperus**, *Linn.* *Cyperus-like Sedge.*
First record, *Pulteney*, 1799.
Native; margins of rivers and ponds; rare. P. June.
"Under hedges and in ditches by the borders of the heaths, but not common."—*Pulteney.*
C. Margin of a pond at Bindon Abbey.
Devon, Hants, Somerset, Wilts, Normandy.
1015. **C. paludosa**, *Good.* *Lesser Pond Sedge.*
First record, Bell Salter, 1830.
Native; boggy meadows, margins of rivers and ponds; common. P. April—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
1016. **C. riparia**, *Curt.* *Greater Pond Sedge.*
First record, Bell Salter, 1830.
Native; marshy places; reedy margins of rivers and lakes; common. P. April—May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
1017. **C. rostrata**, *Stokes.* **C. ampullacea**, *Good.* *Bottle Sedge.*
First record, *Pulteney*, 1799.
Native; pools, marshes, and margins of rivers and ponds; not common. P. May.
B. Cliff Wood, *D. Stephens.*
D. Banks of river, Chamberlayne's, Bere Regis; Morden Park.
F. Ditches near St. Leonard's Bridge, on the Wimborne and Ringwood main-road.
G. Ditches near Holme Priory.
Devon, Hants, Somerset, Wilts, Normandy.

GRAMINEÆ, *Juss.*SETARIA, *P. Beauv.*

1018. [**S. viridis**, *P. Beauv.* *Green Bristle-grass.*
Casual or alien; cultivated ground, sandy fields; rare.
August—October.

- A. Lyme Regis, *F. T. Richard*.
Devon, Hants, Somerset, Wilts, Normandy.]
1019. [*S. glauca*, *P. Beauv.*
First record, *F. T. Richard*, 1884.
Casual; sandy places; rare. A. July.
A. Waysides, Lyme Regis, *F. T. Richard*.
Normandy.]
1020. *C. Dactylon*, *Pers.* *Fibichia umbellata*, *Koel.*
Creeping Dog's-tooth-grass.
First record, *Bell Salter*, 1830.
Native; sandy places; rare. P. July.
F. Shore of Poole Harbour, near Lilliput.
G. Studland Sands, *W. Borrer*.
Devon, Normandy.
Seeing no cause for removing this plant from the Chlorideæ
group I have not followed the London Catalogue by placing
it among the Festuceæ.
- PHALARIS, Linn.**
1021. *P. arundinacea*, *Linn.* *Reed Canary-grass.*
First record, *Bell Salter*, 1830.
Native; banks of rivers, ditches, pools; common. P. July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
1022. [*P. paradoxa*, *Linn.*
First record, *H. C. Watson*, 1852.
Alien; cultivated ground; rare. A. May—June.
G. Borders of a cultivated field near Swanage. Its nearest station
on the other side of the Channel is in the Department of
La Vendée, France.]
1023. [*P. canariensis*, *Linn.* *Canary-grass.*
First record, *Bell Salter*, 1830.
Casual; waste ground, cultivated fields; rare. A. June—
September.
A. Lyme Regis; Bridport, *F. T. Richard*.
C. Waste ground, Fordington Fields, *F. W. Galpin*; Portland,
F. T. Richard; cultivated ground, West Lulworth, *W. M.*
Rogers.
F. Sandy roadsides, Poole.
G. South Haven, near the old Ferry House.
Devon, Hants, Somerset, Wilts, Normandy.]

ANTHOXANTHUM, *Linn.*

1024. **A. odoratum**, *Linn.* *Sweet-scented Vernal-grass.*
 First record, Bell Salter, 1830.
 Native ; meadows, pastures, woods ; common. P. April—
 September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

ALOPECURUS, *Linn.*

1025. **A. pratensis**, *Linn.* *Meadow Fox-tail-grass.*
 First record, Bell Salter, 1830.
 Native ; pastures, roadsides ; common. P. April—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1026. **A. geniculatus**, *Linn.* *Bent-stemmed Fox-tail-grass.*
 First record, Pulteney, 1813.
 Native ; wet places in meadows, shallows pools, &c. ; common.
 P. May—July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1027. **A. bulbosus**, *Gouan.* *Tuberous Fox-tail-grass.*
 First record, Pulteney, 1813.
 Native ; salt-marsh-pastures, moist waste ground near the
 sea ; rare. P. July.
- A. Meadows, Bridport, *J. Jones* ; Swyre, marshy ground adjoining the beach.
 - C. Salt-marsh, Lodmoor, Radipole, *A. B. Lambert.*
 - F. Marsh near the Poole railway station.
 - G. Meadows, Swanage ; salt-marsh, below Redcliff, Wareham.
 Devon, Hants, Somerset, Normandy.

1028. **A. agrestis**, *Linn.* *Slender Fox-tail-grass.*
 First record, Pulteney, 1799.
 Colonist ; cultivated fields ; common. P. April—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

GASTRIDIDIUM, *Pal de Beauv.*

1029. **G. lendigerum**, *Gaud.* *Awned Nit-grass.*
 First record, Pulteney, 1799.
 Native ; cultivated ground, near the sea ; rare. A. June—
 August.

- A. Between Lyme Regis and Charmouth, *Miss Lister*; cornfield, East Bexington.
- C. Fields by Radipole, near Weymouth, *Pulteney*; Backwater cliffs, Weymouth, and near the Preventive Station, Preston, *G. S. Gibson*.
- F. Near Salterns, Parkstone, *W. M. Rogers*.
- G. Cornfields adjoining Corfe River, Wych; cultivated ground, Gaulder, Kimmeridge; cornfields above Dancing Ledge, Langton Matravers; Swanage; cornfield above Punfield; under walls, near Ulwell.
Devon, Hants, Somerset, Normandy.

PHLEUM, *Linn.*

1030. **P. pratense**, *Linn.* *Timothy-grass*.
First record, Bell Salter, 1830.
Native; moist meadows, pastures; common. P. April—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
1031. **P. arenarium**, *Linn.* *Sand Timothy-grass*.
First record, Pulteney, 1813.
Native; sandy sea-shores; rare. P. May.
- C. Weymouth, *Pulteney*; sandy ground between the Ferry Bridge and Portland; Smallmouth Sands.
- F. North-shore, Poole, *Pulteney*.
- G. Sandy shore, *Pulteney*.
Devon, Hants, Somerset, Normandy.

MILIUM, *Linn.*

1032. **M. effusum**, *Linn.* *Wood Millet-grass*.
First record, Pulteney, 1799.
Native; woods; common. P. May—June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

AGROSTIS, *Linn.*

1033. **A. setacea**, *Curt.* *Bristle-leaved Bent-grass*.
First record, Bell Salter, 1830.
Native; dry heaths, downs; abundant on the heath districts of the county, less so elsewhere. P. July—August.
"First sent to Mr. Curtis by Robert Squibb from Puddletown Heath; sea-coasts, near Weymouth, *Pulteney*.
Devon, Hants, Somerset, Wilts, Normandy.

1034. **A. canina**, *Linn. Brown Bent-grass.*
 First record, Pulteney.
 Native ; moist meadows, woods, and heaths ; common. P.
 June—July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1035. **A. vulgaris**, *With. Fine Bent-grass.*
 First record, Bell Salter, 1830.
 Native ; dry pastures, roadsides, heaths ; common.
 Generally distributed.
- Var. **a. pumila** (*Linn.*).
 First record, Mansel-Pleydell, 1891.
 A. Cliffs, Burton Bradstock ; Hook Park Common.
 F. Sturminster Marshall, *W. M. Rogers.*
 G. Studland Sands, *W. M. Rogers.*
- Var. **a. nigra** (*With.*). Near Daggen's Road Station, Alderholt,
W. M. Rogers.
 Devon, Hants, Somerset, Wilts, Normandy.
1036. **A. alba**, *Linn. Marsh Bent-grass.*
 First record, Bell Salter, 1830.
 Native ; wet pastures, ditches, wet grassy commons ; common.
 P. July—August.
 Generally distributed.
- Var. **a. stolonifera**, *Sm.*, usually in the neighbourhood of the sea.
 A. Cliffs, Lyme Regis ; shore, West Bexington ; Seatown,
 Chideock ; marshy ground, east of Burton Bradstock
 Preventive Station (abundant).
 C. The Fleet ; Lodmoor, near Weymouth.
 F. North Shore, Poole, *Pulteney.*
 G. Swanage, *Pulteney* ; cliffs, Kimmeridge Bay.
 Devon, Hants, Somerset, Wilts, Normandy.

AMMOPHILA, *Host.*

1037. **A. arundinacea**, *Host. Psamma arenaria, Roem and
 Schultz. Sea Reed.*
 First record, Pulteney, 1799.
 Native ; sandy sea-coast ; locally abundant. P. July.
 C. Not uncommon on the coast near Weymouth ; North Haven
 sandbanks, Poole, *Pulteney* ; sandy shore near Portland
 Ferry Bridge ; Smallmouth sand-dunes.

- F. By Canford Chine ; North Haven, *W. M. Rogers*.
 G. Studland sandbanks, *Pulteney* ; sand-dunes, Swanage.
 Devor, Hants, Somerset, Normandy.

PHRAGMITES, Trin.

1038. **P. communis, Trin.** *Common Reed*.
 First record, Bell Salter, 1830.
 Native ; river banks, sides of lakes and ditches ; common.
 P. August.
 Generally distributed.
 Devor, Hants, Somerset, Wilts, Normandy.

POLYPOGON, Desf.

1039. **P. monspeliensis, Desf.** *Annual Beard-grass*.
 First record, Mansel-Pleydell, 1874.
 Native ; damp sandy places, near the sea ; rare. A. May—
 June.
 G. Sandy places, between Little Sea, Studland, and South Haven,
 abundant.
 Hants, Normandy.
1040. **P. littoralis, Sm.** *Perennial Beard-grass*.
 First record, Bell Salter, 1830.
 Native ; damp sandy places near the sea ; rare. P. June—
 July.
 G. Little Sea, Studland, growing with *P. monspeliensis*.
 Bell Salter gives no locality.
 Normandy.

CALAMAGROSTIS, Adams.

1041. **C. epigeios, Roth.** *Wood Small Reed*.
 First record, Pulteney, 1799.
 Native ; hedges, thickets, damp woods ; frequent. P. June
 —July.
 A. Poorstock Common, *Mrs. Reid* ; roadsides between Gorwell
 and Litton Cheney ; East Bexington.
 B. Cliff Wood, Bere Hackett, *D. Stephens* ; hedge-banks, Leigh,
 on the Sherborne road, *W. M. Rogers*.
 C. About Weymouth, *Pulteney* ; Buckland Ripers ; Nottingham.
 E. Hartmoor Hill, *W. Galpin* ; Bailey Ridge, *W. M. Rogers* ;
 Norwood, under Bulbarrow ; Fifehead Neville ; Melcombe
 Park Wood ; roadside between Okeford Fitzpaine and
 Fiddleford.
 F. Little Colwood.

- G. Cliffs, Studland, *Bolton King*; hedge-banks on the lower road between Langton Matravers and Wareham, *E. M. Holmes*; wood between Swanage and Corfe Castle, *W. M. Rogers*; Creech Grange Woods; Horse Copse, Steeple; Shoemaker's Lane, Tyneham.
Devon, Hants, Somerset, Wilts, Normandy.

1042. **C. lanceolata**, *Roth.* **Arundo Calamagrostis**, *Linn.*

Purple-flowered Small Reed.

First record, Pulteney, 1799.

Native; moist woods, hedges, and ditches; rare. P. July.

A. Lyme Regis, *F. T. Richard.*

C. Roadsides, near Weymouth, *Maton.*

~~E. On the borders of the wood and in the hedges of the~~

ERRATA.

- PAGE 307—Line 16 from top, transpose from “Bushy places” to “Orchard” to follow fifth line from top.
,, Line 16, substitute “G. River bank, Luckford Lake Copse, west of Grange.”

1044. **A. præcox**, *Linn.* *Early Hair-grass.*

First record, Pulteney, 1799.

Native; dry pastures, banks, heaths, walls; common. A. April—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

DESCHAMPSIA, *P. Beauv.*

1045. **D. cæspitosa**, *P. Beauv.* **Aira cæspitosa**, *Linn.* *Tufted Hair-grass.*

First record, Bell Salter, 1830.

Native; moist pastures and woods, hedge-banks; common.

P. May—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1046. **D. setacea**, *Hanb.* **Aira uliginosa**, *Wiehe.* *Bog Hair-grass.*

First record, Mansel-Pleydell, 1891.

Native ; wet bogs, margins of pools ; rare. P. July—August.

D. Chamberlayne's Heath ; bogs between Morden Park and the Decoy.

F. West Moors Heath ; Gore Heath ; Knighton ; bog on the Poole and Ringwood main road, *W. M. Rogers* ; I also find it extending far up the same valley ; bog on the north side of St. Leonard's Bridge, in the direction of West Moors. Hants, Normandy.

1047. **D. flexuosa**, *Trin.* **Aira flexuosa**, *Linn.* *Heath Hair-grass.*

First record, Pulteney, 1799.

Native ; dry heathy pastures, open woods, hedge-banks ; not common. P. June—July.

A. Gorwell moor ; hedge-banks below Pillesdon Pen.

C. Blackdown, Portisham.

F. Branksome ; West Moors, *W. M. Rogers*.

Devon, Hants, Somerset, Wilts, Normandy.

CORYNEPHORUS, *P. Beauv.*

1048. **C. canescens**, *P. Beauv.* *Grey Hair-grass.*

First record, Pulteney, 1799.

Native ? sandy sea coasts ; rare. P. July.

F. On the sandy shores of Dorset, on the north shore of Poole, *Pulteney*. Normandy.

AVENA, *Linn.*

1049. **A. fatua**, *Linn.* *Wild Oat.*

First record, Bell Salter, 1830.

Colonist ; cornfields ; frequent. A. June—August.

A. Wootton Fitzpaine ; Chideock ; Abbotsbury ; Bexington.

B. Bradford Abbas, *Prof. Buckman*.

C. About Weymouth, *Bell Salter* ; cultivated ground on the Fleet between Wyke and Chickerell ; Portland ; Smallmouth sandbanks ; cultivated ground between Arish Mill and West Lulworth ; Radipole.

E. Kington Magna, *W. Galpin*.

G. Cultivated fields, Kimmeridge ; St. Alban's Head, east side.

Var. *a.* *intermedia* (*Lindgr.*).

C. Cultivated ground, Abbotsbury.

- D. Cultivated ground, north of the Rye Hill Brick-kiln, Bere Regis.
Devon, Hants, Somerset, Wilts, Normandy.
1050. [**A. strigosa**, *Schreb. Bristle-pointed Oat.*
First record, Mansel-Pleydell, 1874.
Alien; cultivated fields; very rare. A. June—July.
F. Between Branksome and Parkstone, *T. R. A. Briggs.*
G. With oats by a gravel-pit near Rempstone, on the road to Corfe Castle, *W. Borrer*; lane connecting Langton Matravers with the lower Corfe road, *W. M. Rogers.*
Devon, Hants, Wilts, Normandy.]
1051. **A. pratensis**, *Linn. Glabrous Oat-grass.*
First record, Pulteney, 1799.
Native; dry pastures, heaths, downs; frequent on the chalk.
P. June—July.
C. Dry pastures, Fleet.
F. Swanage and Durlleston Bays, *W. M. Rogers*; Whatcombe Down; Coombes-Ditch; Thorncombe Down.
G. Smedmore; hill above South Eggleston.
Devon, Hants, Somerset, Wilts, Normandy.
1052. **A. pubescens**, *Linn. Downy Oat-grass.*
First record, Pulteney, 1799.
Native; dry pastures and downs; frequent. P. June.
A. Burton Bradstock.
B. Bradford Abbas.
C. Radipole.
E. Harpits Farm, Kington Magna, *W. Herridge.*
F. Longthorns; Thorncombe; Blandford racecourse; Whatcombe Park.
G. Cliffs, Swanage, *W. M. Rogers*; Cocknowle Down; Tyneham Wood; Kimmeridge Hill; Bradle Down.
Devon, Hants, Somerset, Wilts, Normandy.

TRISETUM.

1053. **T. flavescens**, *P. Beauv. Yellow Oat-grass.*
First record, Bell Salter, 1830.
Native; dry pastures, roadsides, borders of fields; common.
P. June—August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

ARRHENATHERUM, P. Beauv.

- 1054.
- A. avenaceum, P. Beauv.**
- False Oat-grass.*

First record, Bell Salter, 1830.

Native; pastures, thickets, by roadsides; common. P.
May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

HOLCUS, Linn.

- 1055.
- H. mollis, Linn.**
- Creeping Soft-grass.*

First record, Bell Salter, 1830.

Native; shady places, woods, heaths; common. P. June—
July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

- 1056.
- H. lanatus, Linn.**
- Meadow Soft-grass.*

First record, Bell Salter, 1830.

Native; pastures, hedges, waysides; common. P. May—
July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

DANTHONIA, D. C.

- 1057.
- D. decumbens, D. C.**
- Sieglingia decumbens, Bernh.*
-
- Decumbent Heath-grass.*

First record, Pulteney, 1799.

Native; wet and dry pastures and heaths, roadsides;
common. P. June—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CYNOSURUS, Linn.

- 1058.
- C. cristatus, Linn.**
- Crested Dog's-tail-grass.*

First record, Bell Salter, 1830.

Native; pastures, roadsides; common. P. July—August.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

KOELERIA, Pers.

- 1059.
- K. cristata, Pers.**
- Crested Hair-grass.*

First record, Pulteney, 1799.

Native ; chalk-downs, sandy pastures ; locally frequent. P.
May—July.

- A. Puncknoll Common ; West Bexington.
 - B. Bradford Abbas, *Professor Buckman*.
 - C. Poundbury ; Maiden Castle, *W. M. Rogers* ; chalk-range between Arish Mill and West Lulworth ; Abbotsbury Rings ; Smallmouth sand-dunes.
 - D. Bere Down.
 - E. On the top of Hod and Hambledon Hills, *Pulteney* ; downs, Okeford Hill ; Deveril Down, Whatcombe Park ; roadsides Whitechurch and Clenston ; Pimperne Down ; Tarrant Hinton Down.
 - G. Cocknowle ; Tilly Whim ; Punfield ; Tyneham Hill ; pastures near the Coastguard Station, Kimmeridge ; St. Alban's Head ; Ballard Down.
- Devon, Hants, Somerset, Wilts, Normandy.

MOLINIA, *Schränk.*

1060. *M. cærulea*, *Moench.* *Purple Melic-grass.*

First record, *Pulteney*, 1799.

Native ; wet heaths, bogs, and woods ; common in the heath districts of the county. P. August.

Devon, Hants, Somerset, Wilts, Normandy.

CATABROSA, *Linn.*

1061. *C. aquatica*, *R. Beauv.* *Water Whorl-grass.*

First record, *Pulteney*, 1799.

Native ; ditches, pools, and margins of rivers ; common. P.
May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

MELICA, *Linn.*

1062. *M. uniflora*, *Retz.* *Wood Melic-grass.*

First record, *Pulteney*, 1799.

Native ; groves, thickets, hedge-banks ; frequent. P. May
—June.

- A. Hook Park ; Chardstock.
- B. Remedy Wood, *W. M. Rogers* ; Yetminster road, Sherborne, *F. W. Galpin*.
- C. Lulworth Park ; wood near Lytchett Matravers, *Ridley* and *Fawcett* ; Yellowham Wood.
- D. Lane between Bere Regis and Turner's Puddle.

- E. Kington Magna, *W. Herridge*; Buckhorn Weston; Piddle Wood, Sturminster Newton; copse, under Hod Hill; hedges, Buckland Newton; Stoke Wood.
- F. In the hollow-way at Melbury, near Shaftesbury; Crauborne Chase, *Pulteney*; Whatcombe Park; Humber Lane, Whitechurch; Houghton Wood; Milton Park Wood; Sutton Holms; Edmonsham; Oakhill Wood, Cichel; hedge-banks near Daggen's Road Station.
- G. Barnston Wood; Creech Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.

DACTYLIS, *Linn.*

- 1063.
- D. glomerata**
- ,
- Linn.*
- Rough Cock's-foot-grass.*

First record, Bell Salter, 1830.

Native; meadows, hedges, cliffs, roadsides. P. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

BRIZA, *Linn.*

- 1064.
- B. media**
- ,
- Linn.*
- Common Quaking-grass.*

First record, Bell Salter, 1830.

Native; pastures, downs, grassy roadsides; common. P. May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy,

- 1065.
- B. minor**
- ,
- Linn.*
- Small Quaking-grass.*

First record, Bell Salter, 1830.

Colonist; cornfields, roadsides; rather rare. A. June—August.

C. Sandy ground, Parkstone, between the Potteries and the railway station.

D. Cultivated ground adjoining the salt-marsh, Keyworth; Cold Harbour on the Wareham and Bere main road.

F. Poole Harbour; cornfields, Parkstone; cultivated ground near "The Hive," Poole Harbour; Verwood, near the railway station; cultivated fields on the Poole and Ringwood road.

G. Cornfields, Punfield; Blackminston, Steeple; Kimmeridge cornfields; very abundant in the cultivated fields in the valley from Swanage to Warbarrow Bay; between Langton Matravers and Dancing Ledge.

Devon, Hants, Normandy.

POA, *Linn.*

1066. *P. annua*, *Linn.* *Annual Meadow-grass.*
 First record, Bell Salter, 1830.
 Native; pastures, waste and cultivated ground; common.
 A. January—December.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1067. *P. pratensis*, *Linn.* *Smooth Meadow-grass.*
 First record, Bell Salter, 1830.
 Native; pastures, cultivated ground, tops of walls; common.
 P. May—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1068. *P. trivialis*, *Linn.* *Roughish Meadow-grass.*
 First record, Bell Salter, 1830.
 Native; meadows and pastures, borders of fields, woods;
 common. P. June—July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1069. *P. compressa*, *Linn.* *Flat-stemmed Meadow-grass.*
 First record, Bell Salter, 1830.
 Native; tops of walls, dry waste ground; rare. P. June—
 September.
 A. Walls, Burton Bradstock; Walditch; Shipton Gorge; Lyme
 Regis.
 G. Walls, Langton Matravers, *W. M. Rogers.*
 Devon, Hants, Somerset, Wilts, Normandy.
1070. *P. nemoralis*, *Linn.* *Wood Meadow-grass.*
 First record, Pulteney, 1799.
 "Seems to have been first noticed in England by *Mr. Hudson*
 or by myself, who sent it to him in the year 1789, *Pulteney.*"
 Native; shady woods, banks and thickets, shrubberies; rare.
 P. June—July.
 A. Under trees on the west side of Sherborne Park Lake.
 F. Shapwick Vicarage lawn, *R. P. Murray*; under trees, What-
 combe Park.
 Devon, Hants, Somerset, Wilts, Normandy.
1071. *P. loliacea*, *Huds.* *Desmazeria loliacea*, *Dmrt (Nym.)*
Triticum loliaceum, *Sm.* *Dwarf Sea-wheat-grass.*
 First record, Pulteney, 1799.

Native; cliffs and dry waste ground near the sea; not common. A. June—July.

A. Waste ground, seashore, Burton Bradstock.

C. Road, near Sandsfoot Castle, *G. S. Gibson*; Weymouth, *E. Foster*; Lodmoor.

F. Poole Harbour, *Pulteney*.

G. Beach, Swanage, *Pulteney*; cliffs, Clavell's Hard, Kimmeridge; Dancing Ledge, Langton Matravers.

Devon, Hants, Somerset, Normandy.

The London Catalogue makes Hudson's *Festuca loliacea* do service as a separate species—*F. loliacea*—and as a variety of *F. elatior*. I follow Hudson and place it under *Poa*.

GLYCERIA, *R. Br.*

1072. **G. fluitans, *R. Br.*** *Floating Meadow-grass.*

First record, Bell Salter, 1830.

Native; in and near the water of ponds, ditches, and slow streams; common. P. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1073. **G. plicata, *Fries.*** *Folded-leaved Meadow-grass.*

First record, Mansel-Pleydell, 1874.

A. Ditches between Bridport and the harbour; between Puncknoll and Litton Cheney; ditches, West Bexington, adjoining the shore of the Fleet.

B. Bradford Abbas, *D. Stephens*; Ryne; Chetnole, *W. M. Rogers*.

C. Evershot; Rampisham, *W. M. Rogers*; pond between Rodwell and Sandsfoot Castle.

D. Ditches on the Poole and Bere main road, *T. R. A. Briggs*.

E. Dick's Hill Head, *W. M. Rogers*; Okeford Fitzpaine Hazelbury Bryan.

F. Leigh Common, Wimborne.

G. Ditches below Corfe Castle, *W. M. Rogers*; Ulwell, Swanage.

Var. *a. pedicillata, Towns.*

B. Chetnole; Leigh, *W. M. Rogers*.

C. Upwey; Rampisham, *W. M. Rogers*.

E. Wet ditches, Grange Woods, Middlemarsh.

F. Houghton stream; ditches, Parkstone, near the shore.

G. Swanage.

Var. *β. declinata, "Breh," Towns.*

F. Leigh Common, *W. M. Rogers*.

Devon, Hants, Somerset, Wilts, Normandy.

1074. *G. aquatica*, Sm. *Reed Meadow-grass*.

First record, Pulteney, 1799.

Native ; margins of pools, ponds, rivers, water-courses ; not common. P. July.

B. Bradford Abbas, *Prof. Buckman*.

C. River Frome, Wool Bridge.

D. Banks of river and water-courses between Cicely Bridge and Turner's Puddle ; marshy ground near the fifth mile-stone on the Bere and Wareham main-road ; shallow parts of the river, east side of Bere Regis ; banks of the river below Wareham, near its junction with the estuary.

F. River Stour, Wimborne, and Spettisbury.

G. Water-courses, Stoborough meadows.

Devon, Hants, Somerset, Wilts, Normandy.

1075. *G. maritima*, Wahl. *Creeping Sea Meadow-grass*.

First record, Pulteney, 1799.

Native ; salt-marshes and muddy places near the sea ; frequent in suitable places. P. June—July.

C. Lulworth Cove, *W. M. Rogers* ; banks and sandy ground between the Weymouth railway station and Radipole ; salt-marsh near the Weymouth Gas House ; Sandsfoot Castle.

F. Sandy ground, Poole Harbour ; North Haven ; Parkstone ; Salterns, Parkstone ; Lytchett estuary.

G. South Haven ; Arne.

Devon, Hants, Somerset, Normandy.

1076. *G. distans*, Wahl. *Reflexed Meadow-grass*.

First record, Bell Salter, 1830.

Native ; sandy waste ground near the sea. P. June—July.

A. Bridport Harbour.

C. Salt-marsh near the Gas House, Weymouth.

F. Near Ham Bridge, Poole, *Bell Salter* ; roadside near Salterns, Poole ; Parkstone ; Hamworthy, *W. M. Rogers* ; between North Haven and Lilliput ; Ham Ballast Quay, Poole.G. Under the wall of Peverill House, Swanage, *Lester Lester* ; sandy ground, South Haven.

Devon, Hants, Somerset, Normandy.

1077. *G. Borreri*, Bab. *Borrer's Meadow-grass*.

First record, Mansel-Pleydell, 1874.

Native ; salt marshes and waste places near the sea ; rare. P. June—September.

C. Lodmoor, near Weymouth.

F. On the shore of the estuary, Hamworthy.

Devon, Hants.

FESTUCA, *Linn.*1078. **F. procumbens**, *Dennl.* *Procumbent Meadow-grass.*

First record, Pulteney, 1799.

Native; marshes, waste places near the sea; rare. P.
July—August.

A. Beach, Bexington; Burton Bradstock.

C. Radipole, *Pulteney*; Smallmouth Sands; Portland; roadside
near the Gas House, Weymouth; Backwater near the
railway station.

F. Poole; Parkstone.

G. Swanage; Clavell's Hard, Kimmeridge.
Devon, Hants, Somerset, Wilts, Normandy.1079. **F. rigida**, *Kunth.* *Hard Meadow-grass.*

First record, Pulteney, 1799.

Native; walls, cultivated fields, dry banks; common. A.
June—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1080. **F. uniglumis**, *Soland.* **Festuca**, *Linn.* *Single-leaved*
Fescue-grass. *glumis*

First record, Pulteney, 1799.

Native; sandy seashores.

C. Portland, *Lightfoot*; roadside close to the Portland railway
station; sandy pasture, Smallmouth; Chesil bank.

G. Sand-bank, Studland; South Haven.

Devon, Hants, Somerset, Normandy.

1081. **F. ambigua**, *Le Gall.*

First record, Trimen, 1879.

Native; loose blown-sand near the seashore; rare. P.
June.

C. Smallmouth Sands.

F. Sandy ground, North Haven (abundant).

G. South Haven, *Trimen*, Journ. Bot. 1879, p. 212; sand-dunes,
Studland Bay.

Devon, Hants, Wilts, Normandy.

1082. **F. myurus**, *Linn.* *Mouse-tail Fescue-grass.*

First record, Pulteney, 1799.

Native; walls, waysides; not common. A. June—July.

B. Between Yetminster and Leigh, *W. M. Rogers*.

C. Parkstone, sandy ground below the railway station.

F. Verwood, *W. M. Rogers* ; walls, Delcombe Head.

G. Walls, Church Knowle ; Smedmore.
Devon, Hants, Somerset, Wilts, Normandy.

1083. *F. sciuroides*, *Roth.* *F. bromoides*, *Sm.* *Barren Fescue-grass.*

First record, Bell Salter, 1830.

Native ; sandy pastures, roadsides, walls ; common. May—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1084. *F. ovina*, *Linn.* *Sheep's Fescue-grass.*

First record, Pulteney, 1799.

Native ; downs, dry pastures, heaths, wells ; common. P. June.

Var. *β. tenuifolia*, *Sibth.*, *capillata*, *Hackel*, the form of *F. ovina*, exclusively met with in the county, and is generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1085. *F. rubra*, *Linn.* *Creeping Fescue-grass.*

First record, Bell Salter, 1830.

Native ; meadows, pastures, sea-shores ; common. P. May—July.

Var. *β. arenaria*, *Osb.* Sandy sea-shores and estuaries.

B. Burton Bradstock ; sandy ground, West Bexington.

C. Sand-dunes, Smallmouth Sands.

F. North Haven ; Branksome, Bournemouth.

G. South Haven, *J. Woods* ; sand-dunes, Studland.
Normandy.

Var. *γ. duriuscula*, *Gren.* and *Godr.* (*non Linn.*) *Hard Fescue-Grass.*

Instead of following the last edition of the London Catalogue and making it a separate species—*F. fallax*—I restore it to the place it held in the preceding edition.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1086. *F. elatior*, *Linn.* *Tall Fescue-grass.*

First record, Bell Salter, 1830.

Native ; meadows, banks of rivers ; common. P. July.

Var. *α. pratensis*, *auct.*

Var. *β. loliacea*, *Huds.*, hybrid between *F. elatior* and *Lolium perenne*, *Hackel*.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1087. **F. arundinacea**, *Schreb.*

First record, Mansel-Pleydell, 1874.

Native; wet banks and moist places by the sea; locally frequent. P. June—October.

Probably a maritime form of the preceding.

A. Cliffs, Eype, *Ridley* and *Fawcett*; Swyre, sides of ditches adjoining the beach.

C. Lulworth Cove, *W. M. Rogers*; cliffs, Arish Mill Bay; Portland; Lodmoor; Weymouth Backwater.

G. Punfield; Swanage; Dancing Ledge, Langton Matravers; Gaulder; Kimmeridge Bay.

Devon, Hants, Somerset, Normandy.

BROMUS, *Linn.*

1088. **B. giganteus**, *Linn.* Tall Brome-grass.

First record, Bell Salter, 1830.

Native; shady woods, copses, and hedge-banks; common. P. June—August.

A. Wootton Fitzpaine; Whitchurch Canonicorum; hedges between Gorwell and Litton Cheney.

B. Bradford Abbas, *Prof. Buckman*; Chetnole; Ryme; Leigh; Yetminster, *W. M. Rogers*.

C. Evershot, *W. M. Rogers*; Moreton grove.

D. Woodbury Hill; Bere Regis.

E. Dick's Head Hill, *W. M. Rogers*; hedges between Map-powder and Stoke Wake; between Stalbridge and Sturminster Newton.

F. Sturminster Newton, *R. P. Murray*; Longthorns; Clenston Wood; Henbury; Sutton Holms; Whatcombe Park-wall; Shapwick.

G. Smedmore Grove; Kimmeridge Copse; Creech Grange Copse; Barnston Wood; Tyneham; Langton Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

1089. **B. asper**, *Linn.* Hairy Wood Brome-grass.

First record, Pulteney, 1799.

Native; woods, copses, hedges; common. P. July—August. Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1090. **B. erectus**, *Huds.* *Upright Perennial Brome-grass.*

First record, Pulteney, 1799.

Native; dry chalky ground, borders of fields; rare. June—July.

Pulteney omits to give the station, but says he "found it only once on an old wall in the county."

E. Longham, Kington Magna, *W. Herridge.*

G. Ballard Down.

Var. *β. villosus*, *Bab.*G. Roadside between Swanage and Ulwell, *W. M. Rogers.*
Devon, Hants, Somerset, Wilts, Normandy.1091. [**B. tectorum**, *Linn.*

First record, Mansel-Pleydell, 1891.

Denizen; walls, waste places; rare. A. May—June.

F. Banks of the Stour, Durweston, *E. F. Linton.*
Normandy.]1092. **B. sterilis**, *Linn.* *Barren Brome-grass.*

First record, Bell Salter, 1830.

Native; dry places, waysides, walls, banks; common. P.
June—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1093. **B. secalinus**, *Linn.* *Rye Brome-grass.*

First record, Bell Salter, 1830.

Native; cornfields and waste ground; not common. A. or
B. May—August.

A. Burton Bradstock; West Bexington.

C. Borders of cultivated fields, Portland.

D. Cultivated ground under Woodbury Hill, on the Bere and
Wareham main-road; Bere fields.E. Cornfields, Langton Farm, Blandford, *Pulteney*; Traveller's
Rest; Shillingstone; Chescombe Farm; cultivated field,
north of Longthorns; La Lee Farm, Whatcombe.G. Near Corfe Castle, *W. M. Rogers*; cultivated ground
between Puddle Mill and Kimmeridge Hill.Var. *β. velutinus* (*Schrad.*)

First record, Bell Salter, 1830.

G. Roadside between Bradle and Orchard Down.
Devon, Hants, Somerset, Wilts, Normandy.

1094. **B. commutatus**, *Schrad. Confused Brome-grass.*
 First record, Bell Salter, 1830.
 Native; roadsides, cultivated fields; locally abundant.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- Var. a pubescens** (Lond. cat.) is equally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1095. **B. racemosus**, *Linn. Racemose Brome-grass.*
 First record, Bell Salter, 1830.
 Native; meadows and pastures; common. A. or B. June
 —July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1096. **B. mollis**, *Linn. Soft Brome-grass.*
 First record, Bell Salter, 1830.
 Native; pastures and waysides, cultivated fields; common.
 A. † May—June.
 Generally distributed.
 A form with short peduncles and densely downy spikes,
 grows abundantly on the coasts of the county.
 Devon, Hants, Somerset, Wilts, Normandy.

BRACHYPODIUM, *P. de Beauv.*

1097. **B. sylvaticum**, *Roem and Schult. False Wood Brome-Grass.*
 First record, Pulteney, 1799.
 Native; woods, copses, thickets, hedge-banks; common.
 P. June—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
1098. **B. pinnatum**, *P. de Beauv. Barren False Brome-Grass.*
 First record, Pulteney, 1799.
 Native; chalk-downs and limestone pastures; frequent. P.
 June—July.
- A. Hedges above West Bexington.
 C. Chickerell; Lodmoor; roadside from West Lulworth to
 Winfrith, *W. M. Rogers*; chalk-range between Arish Mill
 and West Lulworth; Sandsfoot Castle; Weymouth
 Backwater; Wyke Regis; Preston-cliffs; Upwey;
 Fleet.
 D. Milborne, Roman encampment; Deveril Down.

- F. Pimperne Down ; Blandford race-course ; Thorncombe Down ; roadside between the Blandford and Dorchester mainroad and Muston Down.
- G. Near Corfe Castle ; between Swanage and Langton Matravers, *W. M. Rogers* ; Gadcliff ; grassy lynchets, Worth Matravers ; Down between Punfield and Old Harry ; Seacombe Cliffs ; Grange Hill ; hill-range between Kimmeridge and Tyneham Cap ; Norden.
Devon, Hants, Somerset, Wilts, Normandy.

LOLIUM, *Linn.*

1099. **L. perenne**, *Linn.* *Perennial Darnel, Rye-Grass.*
First record, Bell Salter, 1830.
Native ; cultivated ground, pastures, roadsides ; common.
P. June.
Often affected with ergot.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
1100. **L. italicum**, *Braun.* *Italian Rye-Grass.*
First record, Mansel-Pleydell, 1890.
Alien ; cultivated fields, roadsides ; common. P. June.
Generally distributed.
Devon, Hants, Somerset, Wilts.
1101. [**L. temulentum**, *Linn.* *Bearded Darnel. (Cheat, Dors.)*
First record, Bell Salter, 1830.
Colonist ; cultivated ground ; rare. A. June—August.
Bell Salter gives no locality. The Dorset name for it is *Cheat*, from its mimicry of the other species among which it grows.
Devon, Hants, Somerset, (Wilts), Normandy.]

AGROPYRON, *P. Beauv.*

1102. **A. caninum**, *P. Beauv.* *Wood Couch-Grass.*
First record, Bell Salter, 1830.
Hedge-banks, borders of field ; not common. P. July.
A. Hedges between Puncknoll and Litton Cheney.
B. Chetnole, *W. M. Rogers.*
F. Shapwick ; Parkstone, *W. M. Rogers.*
Devon, Hants, Somerset, Wilts, Normandy.

1103. **A. repens**, *P. Beauv.* *Common Couch-Grass.*

First record, Bell Salter, 1830.

Native; cultivated ground, hedge-banks, sea-shores; common.

P. June.

Generally distributed.

Var. *β*. **barbatum**, *Duval-Jouve.*

F. Hedges, La Lee, Whatcombe; banks, Lilliput, Poole Harbour.

Devon, Hants, Somerset, Wilts, Normandy.

1104. **A. pungens**, *Roem and Schult.* *Great Sea Couch-Grass.*

First record, Mansel-Pleydell, 1874.

Native; sea-shores, estuaries, banks of tidal streams; frequent in suitable localities. P. June—July.

A. Burton Bradstock; sandy places, West Bexington.

C. Smallmouth Sands; Backwater, Weymouth.

F. Sandy places, Poole estuary; Lytchett Bay.

G. Banks of river below Redcliff, Wareham; sandy places, Arne.

Var. *β*. **littorale** (*Reich*).

A. West Bexington; Burton Bradstock.

C. Smallmouth Sands.

F. Chesil Bank, opposite Wyke Regis.

G. Sandy ground, South Haven; Owre, Poole Estuary; Little Sea; Studland, sandy ground between Redcliff and Wareham.

Var. *γ*. **pycnanthum** (*Gren and Godr.*)

A. Sandy ground, Bridport Harbour.

Devon, Hants, Somerset, Normandy.

1105. **A. acutum**, *D.C.* *Decumbent Sea Couch-Grass.*

First record, Mansel-Pleydell, 1874.

Native; sandy sea-shores; frequent in suitable localities. P. July—September.

A. Bridport Harbour; sandy beach, Burton Bradstock.

C. Weymouth Backwater.

F. Sandy ground, Poole Harbour.

G. Sand-dunes, Swanage; South Haven; sandy ground, Arne, east side.

Devon, Hants, Somerset, Normandy.

1106. **A. junceum**, *P. Beauv.* *Sea Couch-Grass.*

First record, Pulteney, 1799.

Native; sandy sea-shores; locally frequent. P. July—August.

A. Bridport Harbour.

C. Weymouth, *Pulteney*; Smallmouth sand-dunes; sandy places, Chesil Bank, near the Ferry Bridge.F. Branksea, *Pulteney*; North Haven.G. Studland sand-dunes; South Haven.
Devon, Hants, Somerset, Normandy.**LEPTURUS**, *R. Br.*1107. **L. filiformis**, *Trin.* *Sea Hard-Grass.*

First record, Pulteney, 1799.

Native; salt-marshes, road sides, walls, and pastures near the sea; rare. P. July.

A. Sandy places at the boat-haul, Burton Bradstock, and on the cliffs further eastward.

C. Inner side of the Fleet, Abbotsbury, *W. Whitwell*; marshy ground on both sides of the Weymouth Backwater; Lodmoor; Chesil Bank, between the Railway Station and the Ferry Bridge.

F. Sandy places, near Lilliput, Poole Harbour.

G. Near Tilly Whim, on the Preventive-path, *W. Borrer*; Punfield-cliff.

Devon, Hants, Somerset, Normandy.

NARDUS, *Linn.*1108. **N. stricta**, *Linn.* *Mat-Grass.*

First record, Pulteney, 1799.

Native; barren dry heaths, where it is common. P. July.
Abundant on the heath districts of the county.

Devon, Hants, Somerset, Wilts, Normandy.

HORDEUM, *Linn.*1109. **H. pratense**, *Huds.* *Meadow Barley.*

First record, Bell Salter, 1830.

Native; meadows and pastures, especially near the sea; frequent. P. May—June.

- A. Cliff-pastures, Burton Bradstock ; Wadbrook ; Bridport.
- B. Stockwood, *W. M. Rogers* ; Bradford Abbas, *D. Stephens* ; meadows, Sherborne.
- C. Meadows, Upwey ; Lodmoor ; West Lulworth ; Portland ; Radipole ; Nottington.
- E. Hazelbury Bryan ; Sturminster Newton.
- F. Meadows, Durweston.
- G. Meadows, Kimmeridge ; Swanage ; Arne.
Devon, Hants, Somerset, Wilts, Normandy.

1110. *H. murinum*, *Linn.* *Wall Barley.*

First record, Bell Salter, 1830.

Native ; waysides and under walls ; common, especially in the neighbourhood of the sea. P. June—July.
Devon, Hants, Somerset, Wilts, Normandy.

1111. *H. maritimum*, *With.* *Sea Barley.*

First record, Pulteney, 1799.

Native ; sandy ground near the sea, salt-marshes ; rare.
A. B. June.

“Not uncommon near the marshes of the sea and on the cliffs and sands,” *Pulteney*. The plant labelled *Hordeum maritimum* in Pulteney’s Herbarium in the British Museum is *H. murinum*.

- C. West Lulworth, edge of cliff near the Flag-staff, *W. M. Rogers* ; sandy places near the Bridge, Weymouth Backwater ; between the railway station, Portland, and the Ferry Bridge.
Devon, Hants, Somerset, Normandy.

ELYMUS, *Linn.*

1112. *E. arenarius*, *Linn.* *Sand Lyme-Grass.*

First record, Pulteney, 1799.

Native ; sandy shores and cliffs ; rare. P. July.

Pulteney expresses himself uncertain if he gathered this plant at Weymouth (C), or in Purbeck (G).

- F. Near Lilliput, Poole Harbour, *W. M. Rogers*.
Devon, Somerset, Normandy.

ACOTYLEDONEÆ VASCULARES.

FILICES, *Fr.*ADIANTUM, *Linn.*

1113. **A. Capillus-Veneris**, *Linn.* *True Maiden-hair Fern.*
 First record, Mansel-Pleydell, 1874.
 Native ; moist rocks, near the sea ; rare. P. May—
 September.
 C. Fissures of rocks, Portland, west side of the island, *Miss*
Payne.
 Devon, Normandy.

PTERIS, *Linn.*

1114. **P. aquilina**, *Linn.* *Common Brake, Bracken.*
 First record, Bell Salter, 1830.
 Native ; commons, woods, heaths, moors ; common. P.
 June—July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

LOMARIA, *Desv.*

1115. **L. Spicant**, *Desv.* *Hard Fern.*
 First record, Pulteney, 1799.
 Native ; dry heaths, boggy woods, moors ; common,
 especially in the heath districts of the county. P. May
 —July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

ASPLENIUM, *Linn.*

1116. **A. Adiantum-nigrum**, *Linn.* *Black Spleen-wort.*
 First record, Pulteney, 1799.
 Native ; dry shady hedges, on the roots and mossy trunks of
 old trees, rocks and walls ; frequent. P. June—
 September.
 B. Bradford Abbas, *Prof. Buckman.*
 C. Hedge-banks, West Lulworth.
 D. Bere and Poole main-road, *T. R. A. Briggs* ; banks, road
 side between Chamberlayne's and Turner's Puddle.
 E. Stalbridge Park wall.

- F. Hedge-banks near Wimborne on the Ringwood main-road ; walls, Whatcombe.
- G. Church walls, Kimmeridge ; hedge-banks, Kimmeridge Hollow ; hedge-banks, Barnston, Steeple ; banks, roadside between Rempstone and Studland ; Arne.
Devon, Hants, Somerset, Wilts, Normandy.
1117. **A. marinum**, *Linn. Sea Spleen-wort.*
First record, Pulteney, 1799.
Native ; rocks on the sea-coast ; rare. P. June—October.
- A. Lyme Regis, *E. Newman*.
- C. Rocks and cliffs in the Isle of Portland, *Sir T. Cullum*.
- G. Damp sheltered rocks, Tilly Whim ; Dancing Ledge, Langton Matravers.
Devon, Hants, Somerset, Normandy.
1118. **A. Ruta-muraria**, *Linn. Wall Rue Spleen-wort.*
First record, Pulteney, 1739.
Native ; walls and rocks ; common. P. July—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
1119. **A. Trichomanes**, *Linn. Maiden-Hair Spleen-wort.*
First record Pulteney, 1799.
Native ; old walls and dry sandy hedge-banks ; common. P. April—December.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

ATHYRIUM, *Roth.*

1120. **A. Filix-fœmina**, *Roth. Lady Fern.*
First record, Pulteney, 1799.
Native ; woods, shady damp places and damp hedge-banks ; common. P. June—July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

CETERACH, *Willd.*

1121. **C. officinarum**, *Willd. Scaly Spleen-wort.*
First record, Pulteney, 1813.

Native ; dry walls, rocks and banks ; frequent on the western side of the county, rare in other parts. P. April—October.

- A. Chardstock ; Wambrook, *Z. Edwards.*
- B. Walls of churchyard, Lillington, *F. W. Galpin* ; walls in the neighbourhood of Sherborne, Milborne Port.
- C. On Came bridge, near Dorchester, *W. B. Barrett* ; Portland, rocks near the Rectory, *H. E. Fox.*
- E. Walls, Stourton Caundle.
- F. Walls on the upper road between Houghton and Bulbarrow.
- G. Churchyard walls, Knighton ; walls, Church Knowle, *O. L. Mansel.*
Devon, Somerset, Wilts, Normandy.

SCOLOPENDRIUM, *Symons.*

1122. *S. vulgare*, *Symons.* *Common Harts-Tongue.*

First record, Pulteney, 1799.

Native ; moist rocks, old walls, damp banks, and woods ; common. P. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CYSTOPTERIS, *Bernh.*

1123. *C. fragilis*, *Bernh.* *Brittle Bladder Fern.*

First record Pulteney, 1799.

Native ; rocks and on walls ; rare. P. June—July.

- G. Crevices of old quarries, and in many places in Purbeck, but not common, *Pulteney.*

Var. *g. dentata*, *Hook?*

- G. Quarry, Langton Matravers, *L. Lester.*

Devon, Somerset, Wilts, Normandy.

POLYSTICHUM, *Roth.*

1124. *P. lobatum*, *Presl.* *Common Prickly Shield-Fern.*

First record, Pulteney, 1799.

Native ; hedge-banks, woods, shady lanes ; common. P. June—August.

Var. *a. genuinum*, *Symes.*

Var. *β. aculeatum*, *Symes*.

Of the two varieties, *α* is the most frequently met with in the uplands of the county. Var. *β* in the Vale of Blackmoor.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1125. *P. angulare*, *Presl. Angular Prickly Shield-Fern.*

First record, Bell Salter, 1830.

Native; hedge-banks, woods, shady places; common. P. June—August.

Devon, Hants, Somerset, Wilts, Normandy.

LASTRÆA, *Presl.*

1126. *L. Thelypteris*, *Presl. Marsh Fern.*

First record, Mansel-Pleydell, 1874.

Native; peat bogs, marshy thickets; rare. P. June—July.

D. Morden Decoy.

G. Thickets between Holme Priory and the river Frome. Hants, Somerset, Normandy.

1127. *L. Oreopteris*, *Presl. Sweet Mountain Fern.*

First record, Bell Salter, 1830.

Native; hilly woods and heaths; rare. P. July.

A. Eype Down; Pillesdon; Lewesdon, *Gifford*; Broadwindsor; Losedown; Chardstock; edge of a wood near Beacon-hill; Hawkchurch, Monkton Wyld, *Z. Edwards*; Oxbridge Down, Netherbury; Golden Cap, Lyme Regis; Wambrook.

C. Blackdown, *E. A. Eaton*.

D. Wareham, near the second milestone on the Poole main-road, *Miss Pike*.

F. Cranborne, *W. Shipp*; "boggy fields by the strawberry gardens, at Constitution-hill (Poole?)" *Bell Salter*.

G. Hedges between Stoborough and Holme, *W. Shipp*. Devon, Hants, Somerset, Wilts, Normandy.

1128. *L. Filix-mas*, *Presl. Male Fern.*

First record, Bell-Salter, 1830.

Native ; woods, hedges, banks, border of fields ; common.

P. June—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1129. *L. cristata*, Presl. *Crested Shield Fern.*

First record, Mansel-Pleydell, 1874.

Native ; bogs, wet heaths ; rare. July—October.

- A. Hawkchurch, Wootton Fitzpaine, Z. Edwards, Monkton Wylde.
- D. Morden Decoy ; Morden Park.
- G. Boggy places, Creech Grange.. Normandy.

1130. *L. spinulosa*, Presl. *Narrow Shield-Fern.*

First record, Z. Edwards, 1866.

Native ; damp woods ; rare. P. June—August.

- A. Charmouth ; Langmore Copse ; Hawkchurch ; woods near Cowse ; Stockland Hill, Z. Edwards.
- D. Morden Decoy.
- G. Boggy woods, Arne ; plantation, Creech Grange. Devon, Hants, Somerset, Normandy.

1131. *L. dilatata*, Presl. *Broad Sharp-toothed Shield Fern.*

First record, Pulteney, 1799.

Native ; shady places, woods, moors ; common. P. June—August.

- A. Wootton Fitzpaine ; Gabriel's Wood, Chideock.
- B. Chetnole, W. M. Rogers.
- C. Stavordale Wood, Abbotsbury ; Newton, Owermoigne.
- D. Bere Wood, Chamberlayne's.
- E. Stoke Wood ; Woolland Wood.
- F. Houghton Wood ; Delcombe Wood.
- G. Woods about Creech Grange ; Arne ; Rempstone. Devon, Hants, Somerset, Wilts, Normandy.

1132. *L. æmula*, Brackenridge. *Hay-scented Fern.*

First record, Edwards, 1866.

Native ; shady sandy places ; rare. P. July—August.

- A. Monkton Wylde, near Gamekeeper's Lodge, Z. Edwards ; lane between Hawkchurch and Wambrook. Devon, Somerset, Normandy.

POLYPODIUM, Linn.1133. **P. vulgare, Linn.** *Common Polypody.*

First record, Bell Salter, 1830.

Native ; trunks of trees, rocks, walls, hedge-banks ; common.

P. August—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PHEGPTERIS, Fée.1134. **Phegopteris polypodioides, Fée.** *Beech Fern.*

First record, Edwards, 1866.

Native ; damp places ; rare. P. July—September.

A. Hawkchurch, among trees and bushes in a boggy piece of ground ! *Moly.*

Devon, Somerset, Normandy.

OSMUNDA, Linn.1135. **O. regalis, Linn.** *Flowering Fern, Fern Royal.*

First record, Pulteney, 1799.

Native ; boggy heaths and woods ; not common in the heath districts of the county. P. June—July.

A. Hawkchurch ; Monkton Wylde ; Beaminster ; Meerhayes, *Z. Edwards* ; under cliffs by Golden Cap, *W. M. Rogers.*C. East Lulworth, *H. P. B. Norris* ; boggy places, West Knighton Heath ; Owre Mill ; Moreton Heath ; Woolbridge Wood.D. Near Sandford Bridge, *Pulteney* ; Wareham Heath, near the third milestone on the Bere and Wareham main-road ; Chamberlayne's, heathy ground on the east of Cicely Bridge ; Morden Decoy Pond ; near Hyde Lodge, on the banks of the stream ; Keysworth, near Wareham.

Devon, Hants, Somerset, Wilts, Normandy.

OPHIOGLOSSUM, Linn.1136. **O. vulgatum, Linn.** *Common Adder's Tongue.*

First record.

- Native ; damp pastures and woods ; not common. P. May—September.
- A. Field near the railway station, Bridport ; Eggardon, *Mrs. Reid* ; fields near the base of Tytherleigh Hill, Chardstock ; fields, Charmouth, near the pathway to Wootton Fitzpaine, *Z. Edwards* ; Powerstock Common, *Jefford*.
- B. Bubb Down, Melbury, *Earl of Ilchester* ; Bradford Abbas, *Prof. Buckman*.
- C. Pasture between Stafford and West Knighton, *W. B. Barrett* ; meadow near the Weymouth Cemetery.
- D. Bere Regis, meadow near the chalk-pit on the Poole road ; rough ground near the third milestone from Wareham on the Bere main-road.
- E. Meadow north west of Woolland House ; meadows near Melcombe Park.
- F. Meadows by the roadside in Langton Parish and Blandford St. Mary, *Pulteney* ; West Knighton Down, *Mrs. F. Warre* ; Decoy Copse, High Hall ; Longthorns Wood.
- G. Chapman's Pool, *Ridley* and *Fawcett* ; meadow under Hyde Wood, Steeple ; meadows, West Creech ; meadow, Blashenwell, Kingston.
- Devon, Hants, Somerset, Wilts, Normandy.

BOTRYCHIUM, *Linn.*

1137. B. *Lunaria*, *Sw.* *Moon-wort.*

First record, Pulteney, 1799.

- Native ; pastures, downs, heaths ; rare. P. May—June.
- A. Hawkchurch, south of Fishpond Bottom, near Lambert's Castle, *Z. Edwards* ; under Eggardon Hill, *Mrs. Reid*.
- C. Poundbury, Dorchester.
- D. Trigon Hill, *W. C. Wilcox* ; Morden Park.
- E. Meadows near Sturminster Newton, *Pulteney*.
- F. Mildown, Blandford, *E. L. Stuart* ; on the summit of Bulbarrow, *W. M. Rogers*.
- G. Langton Matravers, *L. Lester* ; Ballard Down ; Nine Barrow Down, Rempstone, *C. Digby*.
- Devon, Hants, Somerset, Wilts, Normandy.

EQUISETACEÆ, D.C.

EQUISETUM, Linn.

1138. **E. maximum**, Lam. **E. Telmatela**, Ehrh. *Great Water Horse-tail.*

First record, Pulteney, 1799.

Native ; watery places, boggy woods ; common. P. April—May.

Generally distributed.

Var. *a. serotinum*, A. Br.

G. Durlleston Bay, *Ridley and Fawcett.*

Jour. Bot., 1882, p. 246.

Devon, Hants, Somerset, Wilts, Normandy.

1139. **E. arvense**, Linn. *Corn Horse-tail.*

First record, Bell Salter, 1830.

Native ; wet cultivated ground, damp woods ; common. P. March—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1140. **E. palustre**, Linn. *Marsh Horse-tail.*

First record, Bell Salter, 1830.

Native ; spongy bogs, turfy moors ; common. P. June—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1141. **E. limosum**, Linn. *Smooth naked Horse-tail.*

First record, Bell Salter, 1830.

Native ; marshes and wet places ; common. P. June—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

1142. **E. sylvaticum**, Linn. *Wood Horse-tail.*

First record, Pulteney, 1799.

Native ; moist shady woods, hedgerows ; rare. P. April—May.

A. Flax-pool by Rosebarrow, near Bridport, *Pulteney* ; Symonds-bury, *E. Fox* ; Monkton Wyld, *L. Lester* ; hedge-banks, Wootton Fitzpaine ; Hook Park.

- F. Woods, Lytchett Heath House.
Devon, Hants, Somerset, Wilts, Normandy.

LYCOPODIACEÆ, *D.C.*

LYCOPODIUM, *Linn.*

1143. *L. clavatum*, *Linn.* *Common Club-Moss.*
First record, Pulteney, 1799.
Native ; heaths and woods ; rare. P. July—August.
F. On the heaths beyond Wimborne to the west of Ringwood,
Pulteney ; Clenston Wood ; Houghton Wood.
G. On the Wareham Heath, *Pulteney.*
Devon, Hants, Somerset, Wilts, Normandy.
1144. *L. inundatum*, *Linn.* *Marsh Club-Moss.*
First record, Pulteney, 1799.
Native ; boggy heaths ; common on the heath districts of
the county. P. August—September.
Devon, Hants, Somerset, Wilts, Normandy.
1145. *L. Selago*, *Linn.* *Fir Club-Moss.*
First record, Pulteney, 1799.
Native ; dry heaths ; rare. P. June—August.
D. On the heath beyond Bere, on the road to West-
bridge Heath ; on the heaths between Sherford
Bridge and Wareham, *Pulteney* ; Shitterton Heath,
Bere Regis ; heath between Chamberlayne's and Gallows
Hill.
Devon, Hants, Somerset, Wilts, Normandy.

MARSILIACEÆ (*Br.*) *Bartl.*

PILULARIA, *Linn.*

1146. *P. globulifera*, *Linn.* *Pill-wort.*
First record, Pulteney, 1799.
Native ; borders of lakes, wet gravelly heaths ; rare. P.
June—July.
C. Moreton Heath ; near Burton.

- F. "By the roadside in inundated places between Corfe Mullen and Poole and about the eleventh milestone between Woodbury Hill and Wareham," *Pulteney*; wet gravelly places, Alderholt.
Devon, Hants, Somerset, Wilts, Normandy.

CHARACEÆ, *Rich.*

CHARA, *Linn.*

1147. *C. fragilis*, *Desv.*

First record, H. and J. Groves, 1886.

Native; ponds, lakes, ditches, rare by running water; not uncommon. July—August.

D. Morden Park Lake.

G. Corfe Castle, *H. and J. Groves.*

Devon, Somerset, Normandy.

Var. *g. capillacea*, *Coss et G.*

G. Luckford Lake, between Povington and Bindon Abbey.

1148. *C. aspera*, *Willd.*

First record, H. and J. Groves, 1883.

Native; lakes, ponds, ditches; rare. August.

G. Little Sea, Studland, *H. T. Mennell.*
Normandy.

Var. *g. subinermis*, *Kuetz.*

G. Little Sea, Studland, 1874. *Jour. Bot.*, 1883, p. 91.
Normandy.

1149. *C. baltica*, *Bruzel.*

First record, H. and J. Groves, 1883.

Native; ponds, pools, ditches near the sea; rare. June—July.

G. Pools, Studland Heath, near Little Sea, 1870.

The only other known station of this plant is in the stream running into Kynance Cove, Cornwall, and in the pools adjacent. *Jour. Bot.*, 1881, p. 354.

1150. *C. contraria*, *Kuetz.*

First record, H. and J. Groves, 1883.

Native ; pools, ditches, and streams. May—June.
G. Studland, *H. T. Menzell*.

1151. *C. vulgaris*, *Linn.* *C. foetida*, *Braun.* *Stone-wort.*
First record.

Native ; pools, ditches, streams ; common. May—June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

Var. *α. longibracteata*, *Kütz.*

First record, H. and J. Groves, 1883.

- A. Watercourses adjoining the Fleet, Swyre.
- G. Studland Heath, near Little Sea ; pond, Langton Matravers ;
Dancing Ledge.
Normandy.

Var. *γ. papillata*, *Wallr.*

First record, H. and J. Groves, 1883.

- A. Ditches, West Bexington ; between Swyre and Burton Bradstock.
- C. Near Weymouth, *H. Groves* (Florence) ; watercourses between Abbotsbury and Burton Bradstock coastguard station, near the Fleet.
- G. Chapman's Pool, near St. Alban's Head.

1152. *C. canescens*, *Loisel.*

First record, H. and J. Groves, 1883.

- Native ; brackish pools and ditches ; rare. May—June.
- G. Little Sea, Studland.

LAMPROTHAMNUS, *A. Br.*

1153. *L. alopecuroides*, *A. Braun.* *Fox-tail Chara.*

First record, Mansel-Pleydell, 1891.

- Native ; estuaries, brackish lakes and ditches ; rare.
June.
- C. In the Fleet, between the Swannery and Langton Herring,
W. B. Barrett.
Dorset Nat. Hist. and Antiquarian Field Club, vol. xiii,
p. 163, 1892.
Hants.

NITELLA, Agardh.**1154. N. translucens, Agardh.**

First record, H. and J. Groves, 1883.

Native ; clear pools and streams ; rare. July.

G. Near Corfe Castle, J. Groves.

Devon.

1155. N. opaca, Agardh.

First record, Mansel-Pleydell, 1891.

Native ; ponds, pools, ditches, streams ; frequent. May—
June.C. a. Luckford Lake, between Povington and Bindon Abbey.
Hants.

ADDENDA I.

1156. [**Cochlearia Armoracia**, *Linn.* *Horse Radish*.
First record, Mansel-Pleydell, 1892.
Denizen by the sides of rivers, ditches; frequent. P.
April—July.
G. Studland chine between the shore and the village, south of
the variegated sand-rock.]
1157. **Sinapis arvensis**, *Linn.*
Var. *β.* *Schkuhriana*, *Rehb.*
First record, Mansel-Pleydell, 1893.
Colonist; damp and waste places; rare. June—August.
F. Damp places near the banks of the Stour, Durweston.
- DIANTHUS**, *Linn.*
1158. **D. Armeria**, *Linn.* *Deptford Pink*.
First record, Mansel-Pleydell, 1893.
Native; dry banks; rare. A. July—August.
C. Grassy banks, Abbotsbury, *Mrs. Nelson Richardson*.
Devon, Hants, Wilts, Normandy.
1159. [**D. prolifer**, *Linn.* *Proliferous Pink*.
First record, Mansel-Pleydell, 1893.
Alien; walls, sandy places; rare. A. July—September.
Walls of the tropical garden, Abbotsbury, *T. Benbow*,
persistent.]
Hants, Normandy.
1160. [**D. caryophyllus**, *Linn.* *Clove Pink*, *Wild Carnation*.
First record, Mansel-Pleydell, 1893.
Alien; old castles, walls; rare. July—August.
B. Ruins, Sherborne Castle, *persistent*.]
Normandy.
1161. **Rosa sepium**, *Thuill.* *Small-flowered Briar*.
First record, Mansel-Pleydell, 1893.
Native; bushy places, hedges; rare. Sh. June.
D. Bere Wood, *R. P. Murray*.

- E. Melbury Hill, near Shaftesbury, *E. F. Linton*.
Wilts, Normandy.
1162. **Rubus nemoralis**, *P. J. Muell.*
First record, Mansel-Pleydell, 1893.
Native ; woods, hedges ; locally abundant. Sh. July.
F. Branksome Park ; West Moors ; near Daggen's Road Station,
W. M. Rogers.
Doctor Focke, to whom Mr. Moyle Rogers sent the plant
thus labelled, in June, 1890, writes of it—"This is
exactly the plant supposed by me to be the *R. nemoralis*,
at least of *Genevier*. I do not know Müller's description,
given in a very rare volume of the journal named *Flora*
Müller, who was an Alsacian and wrote German, *Genevier*
knew not a word of the language ; therefore the identity
of Müller's and *Genevier*'s name is often doubtful.
- 322 **R. Radula**, *Weike*. Var., *Serti florus*, *Thuill.*
D. Bere Wood, *R. P. Murray.*
1163. **R. Cariensis**. *Rip et Genev.*
First record, Mansel-Pleydell, 1893.
Native, bushy places, hedges ; rare. Sh. July.
G. Halfway-House, Corfe Castle, *W. M. Rogers.*
1164. [**Sedum dasyphyllum**, *Linn. Thick-leaved Stonecrop.*
First record, Mansel-Pleydell, 1893.
Alien ; walls ; rare. P. June and July.
F. Walls near the cricket ground, Blandford, *E. F. Linton.*]
Somerset, Wilts, Normandy.
1165. [**Doronicum Pardalianches**, *Linn. (Jacq.) Great*
Leopard's Bane.
First record, Mansel-Pleydell, 1893.
Alien ; groves, sides of streams ; rare. P. April—May.
E. Shillingstone Grove between the Rectory and the river.
Somerset, Hants, Wilts, Normandy.]

XANTHIUM, *Linn.*

1166. [**X. strumarium**, *Linn. Bur-marigold.*
First record, Pulteney, 1799.
Alien ; waste places, manure heaps ; rare. A. June—July.

- G. Wareham, dunghill near the river on the way to Stoborough,
Pulteney.
Hants, Normandy.]
1167. **Campanula Rapunculus**, *Linn.* *Rampion Bell-flower*.
First record, Mansel-Pleydell, 1893.
Native; hedges, borders of fields; rare. B. June—July.
F. Corfe Mullen, *R. P. Murray*.
It is doubtful if Doctor Pulteney did not mistake this plant
for *C. patula*, which he says occurs in the woods above
Corfe Mullen, and in lanes near Merley.
1168. [**Verbascum Chaixii**. *Vill.*
First record, Mansel-Pleydell, 1892.
Alien, waste places, roadsides; rare. P. June—July.
C. Abbotsbury, railway-banks, *Miss Hawkins*.]
1169. **Listera cordata**. *R.Br.* *Heart-leaved Tway-blade*.
First record, Mansel-Pleydell, 1892.
Native; damp places, open woods, heaths; very rare. P.
June—September.
A. Charmouth, *Ridley and Fancett*.
Devon, Hants, Somerset.
1170. **Eriophorum gracile**, *Koch.* *Slender Cotton-grass*.
First record, Mansel-Pleydell, 1893.
Native; wet bogs; very rare. P. May—July.
G. Bog, near Little Sea, Studland, *E. F. Linton*.
1171. **Cyperus fuscus**, *Linn.* *Brown Cyperus*.
First record, Mansel-Pleydell, 1893.
Native; ditches, wet bogs; very rare. A. August—
September.
D. Bere Regis, *E. F. Linton*.
Hants, Normandy.
1172. **Carex fliformis**, *Linn.* *Slender-leaved Sedge*.
First record, Mansel-Pleydell, 1893.
Native; wet bogs; very rare. P. May—July.
D. Bog on the east-side of Morden Decoy, *E. F. Linton*.
1173. **Chara hispida**, *Linn.*
First record, Pulteney 1799.
Native; bog-pools; rare.
E. Canford Heath, *Pulteney*.
G. Wareham Heath, *Pulteney*.

ADDENDA II.

Adonis autumnalis, *Linn.*, p. 2.

- F. Gussage St. Michael, *Miss Letitia Ward*.

Ranunculus peltatus, *Fries.*, p. 4.

Var. *floribundus*, *Bab.*

- D. Pond, Morden, near the Wesleyan Chapel.

R. auricomus, *Linn.*, p. 7.

- E. Grove, Shillingstone Rectory.

Fumaria pallidiflora, *Jord.*, p. 15.

- G. Bushes near the Coastguard Station, Kimmeridge.

Senebiera didyma, *Pers.*, p. 17.

- F. Gussage St. Michael, *Miss Letitia Ward*.

Trifolium medium, *Linn.*, p. 65.

- D. Hedgebanks on the main road between Morden Mill and Bloxworth.

Prunus avium, *Linn.*, p. 79.

- F. Broadley Wood.

Rosa canina, *Linn.* Var. *dumetorum*, *Thuill.*, p. 104.

- F. Shapwick, *R. P. Murray*.

Rubus nitidus, *W. and N.*, p. 84.

- D. East Norden, *W. M. Rogers*.

R. incurvatus, *Bab.*, p. 87.

- G. Plentiful on the heaths between Wareham and Swanage, *W. M. Rogers*.

R. imbricatus, *Hort.*, p. 87.

- G. New House copse, Corfe Castle, in great quantity, *W. M. Rogers*.

R. pulcherrimus, *Newman*, p. 91.

- D. East Morden.

- R. Borreri**, *Bell Salter*. **R. intectus**, *P. J. Müller*, p. 95.
Mr. Moyle Rogers says of this plant: "It is exactly my plant, 325 Flora of Dorset, named by Prof. Babington, *R. intectus*, *P. J. Müller*."
Hants.
- Pyrus Aria**, *Sm.*, p. 110.
F. Elcombe Wood.
- Myriophyllum spicatum**, *Linn.*, p. 117.
D. East Morden, pond near the Wesleyan Chapel.
- Claytonia perfoliata**, *Donn.*, p. 123.
G. Langton Matravers, *Lester Lester*.
- Doronicum plantagineum**, *Linn.*, p. 159.
C. Stavordale Wood, Abbotsbury, *Miss Hawkins*.
- Hieracium tridentatum**, *Fries.*, p. 169.
F. North Haven, sandy ground near the Coast Guard Station.
- Hypopithys multiflora**, *Sap.*, p. 178.
F. Handley Wood, *Miss Letitia Ward*.
- Vinca minor**, *Linn.*, p. 179.
F. Creech Hill, Cranborne, *Miss Letitia Ward*.
- Linaria repens**, *Mill*, p. 196. Add synonym, **L. striata**,
D.C.
- L. supina**, *Desf.*, p. 196. Add synonym, **L. minor**, *Desf.*
- Orobanche elatior**, *Sutton*, p. 197.
F. Gussage St. Michael, *Miss Letitia Ward*.
- Pulmonaria angustifolia**, *Linn.*, 217.
D. East Morden, copse near the Wesleyan Chapel.
- Utricularia intermedia**, *Hayne*, p. 218.
D. Abundant in the water courses on the east side of Morden
Decoy, and on the margin of a piece of water on the west
side.
- Utricularia neglecta**, *Lehm.*, p. 219.
C. Wool, *W. R. Linton*.

- Plantago Coronopus**, *Linn.*, p. 226.
G. Studland Heath, near Little Sea.
- Beta maritima**, *Linn.*, p. 232.
F. Sand-banks, North Haven.
- Polygonum maculatum**, *Dyer and Trimen*, p. 234.
F. Clenston orchard, Clenston.
- P. Convolvulus**, *Linn.*, p. 237.
First record, Bell-Salter, 1830.
- P. mite**, *Schrank*, p. 235.
D. Bere Regis, south-west, *E. F. Linton*.
- Thesium humifusum**, *D.C.*, p. 240.
F. Downs, Chettle, *Miss Letitia Ward*.
- Mercurialis annua**, *Linn.*, p. 243.
F. Chettle, *Miss Letitia Ward*.
- Juniperus communis**, *Linn.*, p. 252.
Muston Down, near Little Colwood, *R. P. Murray*.
- Spiranthes autumnalis**, *Rich.*, p. 253.
A. Abbotsbury, *T. Benbow*.
F. Gussage St. Michael, *Miss Letitia Ward*.
- Neottia Nidus-avis**, *Rich.*, p. 253.
C. East Lulworth, *Ridley and Fawcett*.
F. Handley Wood ; St. Giles, *Miss Letitia Ward*.
- Cephalanthera pallens**, *Rich.*, p. 255.
F. Handley Wood ; Long Crichel, Creech Hill, *Miss Letitia Ward*.
- Orchis ustulata**, *Linn.*, p. 255.
F. Gussage St. Michael, *Miss Letitia Ward*.
- Habenaria chloroleuca**, *Ridley*, p. 258.
F. Harley Wood, *Miss Letitia Ward*.
- H. bifolia**, *R. Br.*, p. 259.
A. Cliffs between Lyme Regis and Charmouth, *Ridley and Fawcett*.

- D. Boggy ground, West Morden.
 F. Bailey Wood ; Creech Hill ; Cranborne ; Tarrant Gunville,
Miss Letitia Ward.

H. viridis, *R. Br.*, p. 259.

- F. Gussage St. Michael, *Miss Letitia Ward.*

Malaxis paludosa, *Swartz.*, p. 259.

- D. Bog, east-side of Morden Decoy.

Ophrys apifera, *Huds.*, p. 260.

- F. Gussage St. Michael, *Miss Letitia Ward.*

O. muscifera, *Huds.*, p. 261.

Gussage St. Michael, *Miss Letitia Ward.*

Rough ground, west side of Cliff Wood, La Lee.

Ruscus aculeatus, *Linn.*, p. 268.

- F. Gussage St. Michael, *Miss Letitia Ward.*

Pilularia globulifera. *Linn.*, p. 333.

- C. Bog, Portland, *Henry Groves.*

Paris quadrifolia, *Linn.*, p. 269.

- F. Road-side, Durweston.

Hants.

Carex pilulifera, *Linn.*, p. 296.

- F. Heath between the Wareham and Blandford main road and
 Morden Decoy.

C. pallescens, *Linn.*, p. 297.

- G. Luckford Copse.

Osmunda regalis, *Linn.*, 330.

- G. Plentiful in Morden Decoy.

Acorus Calamus, *Linn.*, p. 278.

The claim of this plant to be indigenous is fully discussed
 by ~~Mr. H. Turner~~, F.R.S., in the Journal of Botany, *D. W. Turner*

1871, pp. 163-165, who considers its home to be the
 south-east of Europe and the adjacent parts of Asia,
 and that it was brought westward, and cultivated for
 the sake of the root which was used for medicinal purposes
 in the middle part of the 16th century. Turner says—

“The *Acorus* groweth not in England.” Johnson, in his revised edition of *Gerarde’s Herbal*, regarded it apparently as essentially a garden plant, and called it the *Sweet Garden Flag*, the name it now retains, omitting *Garden*. Mr. Turner sums up thus :—“I think with certainty that such good observers as Turner, Lobel, Clusius, Gerarde, Parkinson, and Johnson, not to mention others whose names from not being authors are less known, could not have passed by so singular a plant familiar to all but Turner in the garden and to which a special interest attached from the uncertainty and confusion prevailing as to the right name of the then much esteemed rhizome, which was in the sixteenth century largely used as a drug.”



ADDENDA III.

Ophrys arachnites, *Reichb.*

Since the last sheets of the Flora have been printed off I have found *O. apifera* growing on the reported site of *O. arachnites*, which throws some doubt as to the propriety of retaining this rare British plant on our List. I propose, therefore, provisionally to strike it out.

Linaria sepium, *Allman*; **L. ochroleuca**, *Brébiss*; **L. striata**, *s. grandiflora*, *Soy. (Godron)*.

Probably an hybrid between *L. repens* and *L. vulgaris*, as it always occurs in the neighbourhood of these species and nowhere else.

G. Railway bank, Langton Matravers, *Lester-Lester*.

This plant is larger than *L. repens*; the palate is yellow, the upper lip white, tinged with lilac, and purple-striped, the spur as long as the corolla.

Of the three forms mentioned by Boswell Syme, *Eng. Bot.*, Vol. vi., p. 143, the one found by Mr. H. C. Watson at Shirley, Southampton, comes nearest to this plant.

ERRATA.

Line	From	For	Read	Page
10	Bottom	Fumariaceæ	Fumariææ	14
16	Top	Add D. Hedges, Bingham's Melcombe G. Hedges, near Kimmeridge Coastguard Station		15
13	Top	Wort	Wart	17
8	Bottom	Wort	Wart	"
9	Top	1871	1874	20
4	"	Old Harry	G. Old Harry	36
2	Bottom	Flora of Dorset	Mansel-Pleydell	37
3	Top	Add "Bell Salter, 1830"		40
2	Bottom	Wood	Woad	58
6	Top	A	G	69
2	Top	Flora of Dorset	Mansel-Pleydell	70
17	Bottom	Omit "G"		79
3	"	Flora of Dorset	Mansel-Pleydell	107
17	"	"	"	108
11	Top	White-bean	White-beam	110
3	Bottom	Down field	A. Down Field	"
1	Top	Opposite-leaved	Alternate-leaved	112
17	"	Add "1830"		117
7	Bottom	Flora of Dorset	Mansel-Pleydell	"
4	"	Goat-weed	Gout-weed	127
5	"	Add "1830"		130
6	Top	Flora of Dorset	Mansel-Pleydell	154
5	Bottom	Add "Pulteney"		158
19	Top	Flora of Dorset	Mansel-Pleydell	160
14	Bottom	1887	1687	184
16	Top	Flora of Dorset	Mansel-Pleydell	185
4	Bottom	"	"	"
4	"	arvensis	arvensis	188
4	Top	c	C	189
15	"	Flora of Dorset	Mansel-Pleydell	191
9	"	Add "1799"		193
9	"	Add "1830"		215
16	"	"	"	217
34	"	Omit "Wilts"		224
14	"	candicum	candicans	229
19	"	Omit "Good"		"
20	"	Omit "Henr"		"
19	"	fruticosa	radicans, Sm.	233
32	"	Add First record Bell Salter, 1830		236
9	"	Flora of Dorset	Mansel-Pleydell	261
13	"	Add Mansel-Pleydell, 1874		291
15	"	East	West	"
2	Bottom	East	West	292
1	"	Add Hants		294
14	"	Add Hants		299
8	Top	C	Cynodon	302
2	"	Add "1799"		305
25	"	Add Hants		306
1	Bottom	Add "Pulteney 1799"		330

DORSET PLANT NAMES.

Ash-candles	Fruit of the Ash
Beacon Weed	Chenopodium album, <i>L</i>
Beggar Weed (<i>Sherborne</i>)	Cuscuta europea, <i>L</i>
Bell-flower (<i>Broadwindsor</i>)	Narcissus Pseudo Narcissus, <i>L</i>
Bletherweed	Silene inflata, <i>L</i>
Bloody Warriors	Cheiranthus Cheiri, <i>L</i>
Bob Grass	Bromus inollis, <i>L</i>
Botherum	Chrysanthemum segetum, <i>L</i>
Brimbles	Rubus fruticosus, <i>L</i>
Butter-daisy	Chrysanthemum Leucanthemum
Butter and eggs (<i>West</i>)	(1) Leucojum vernum, <i>L</i>
" "	(2) Linaria vulgaris, <i>L</i>
Butter pumps	The seed vessels of Nuphar lutea, <i>L</i>
Cammock	Ononis arvensis, <i>L</i>
Canker	fruit of Rosa canina, <i>L</i>
Charlock	(1) Sinapis arvensis, <i>L</i>
" "	(2) Raphanus Raphanistrum, <i>L</i>
Cheat	Lolium temulentum, <i>L</i>
Cherry-pie	Epilobium hirsutum, <i>L</i>
Claiton, Clivers, Clydern	Galium Aparine, <i>L</i>
Clote	Nuphar lutea, <i>Sm.</i>
Cooch	Triticum repens, <i>L</i>
Cows and Calves	The flower of Arum maculatum, <i>L</i>
Cuckold	Arctium Lappa, <i>L</i>
Cuckle	Fruit of Arctium Lappa, <i>L</i>
Daffdowndilly	Narcissus Pseudo Narcissus, <i>L</i>
Elem	Ulmus campestris, <i>L</i>
Ellern	Sambucus niger, <i>L</i>
Eltrot	Heracleum Sphondylium, <i>L</i>
Every	Lolium perenne, <i>L</i>
Flax Mountain	Spergula arvensis, <i>L</i>
Framboys	Rubus Idæus, <i>L</i>
" My Lord of Salisbury (1638) told me that in Cranborne Chase there grew raspes commonly, and in great plenty, and that the country people called them <i>framboises</i> , which is the French word for them." Ayscough, N and Q 2, No. 4, i., 532.	
Giddy-Gander, Goosey-Gander	Orchis mascula, <i>L</i> , and O Morio, <i>L</i>
Gil-cup, Gilt-cup	Ranunculus bulbosus, <i>L</i>
Golden Chain	Cytisus Laburnum, <i>L</i>
Gookoo flower	Cardamine pratensis, <i>L</i>
Grabstock	Pyrus Malus, <i>L</i>
Granfer Greygles	(1) Orchis mascula, <i>L.</i> (2) Scilla nutans, <i>Lm.</i> (3) Lychnis diurna, <i>L.</i> (2) being sometimes distinguished as Blue G. and (3) as Red G. N. and Q., 4th S., iv., 345.

Greygle	<i>Scilla nutans</i> , <i>Sm.</i>
Haw or Haws	The fruit of <i>Crataegus Oxyacantha</i> , <i>L</i>
Hails, Ails	The beard or awn of <i>Hordeum</i>
Hoss tongue	<i>Scolopendrium vulgare</i> , <i>Sgm.</i>
Kecks or Kex	<i>Anthriscus sylvestris</i> , <i>Hoffn.</i> , stalk of which is often used as a temporary water-pipe
Keys	Fruit of <i>Acer campestre</i> , <i>L</i>
Lamb's Grass	Various Spring grasses
Livers (Livers)	<i>Iris Pseudacorus</i> , <i>L</i>
Little and Pretty	<i>Saxifraga umbrosa</i> , <i>L</i>
London Daisy (<i>Broadwindsor</i>)	<i>Chrysanthemum Leucanthemum</i> , <i>L</i>
Male	<i>Leontodon Taraxacum</i> , <i>L</i>
Mathern	<i>Anthemis Cotula</i> , <i>L</i>
Merry Tree	<i>Prunus avium</i> , <i>L</i>
Milk Thistle	<i>Sonchus oleraceus</i> , <i>L</i>
Mother of Thousands	<i>Linaria Cymbalaria</i> , <i>Mill.</i>
Ram's Claws, Ram's Cläs	<i>Ranunculus repens</i> , <i>L</i>
Robin, White	<i>Lychnis vespertina</i> , <i>Sibth.</i>
Robin Hood	<i>Lychnis Flos Cuculi</i> , <i>L. L. diurna</i> , <i>Sibth.</i>
Rottle Penny	<i>Rhinanthus Crista-galli</i> , <i>L</i>
Sel-green	<i>Sempervivum tectorum</i> , <i>L</i>
Sives	<i>Allium Schönoprasum</i> , <i>L</i>
Skiver wood	<i>Euonymus europæus</i> , <i>L</i>
Sleeping Beauty (<i>Bournemouth</i>)	<i>Oxalis acetosella</i> , <i>L</i>
Snag bush	<i>Prunus spinosa</i> , <i>L</i>
Snap Jack	<i>Stellaria Holosteia</i> , <i>L</i>
Soldier's Jackets	<i>Orchis mascula</i> , <i>L.</i> Science Gossip, 1882, p. 45
Spike	<i>Lavandula Spica</i> , <i>D.C.</i>
Twoad's Meat	Toadstool
Turmut	<i>Brassica Rapa</i> , <i>L</i>
Tutties	Flower of <i>Prunus Cerasus</i> , <i>L</i>
Tutty	Nosegay
Virgin Mary's Tears (<i>Weymouth</i>)	<i>Pulmonaria officinalis</i> , <i>L</i>
Vuzz, Vuzzen	<i>Ulex europæus</i> , <i>L</i>
Water Blob	<i>Nuphar lutea</i>
Woad man's beard	<i>Clematis Vitalba</i> , <i>L</i>
Woats	<i>Avena sativa</i>
Woodwex	<i>Genista tinctoria</i> , <i>L</i>

ADDITIONAL NAMES.*

Crewell	The Cowslip
Cups and Saucers	Leaves of <i>Cotyledon umbilicus</i>
Gipsy Rose	<i>Seabrosa atropurpurea</i>
Hay maiden	<i>Nepeta Glechoma</i>
Leädy's cushion	<i>Armeria maritima</i>
Withy Wind	<i>Convolvulus sepium</i>

* J. S. Udal, Proc. Dors. Nat. Hist. and Antiq. Field Club, Vol. X., p. 19.

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